

ONTARIO PROFILE

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1992



Alcohol & other drugs

COMPILED BY
BOB WILLIAMS
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Addiction Research Foundation
Fondation de la recherche sur la toxicomanie



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ONTARIO PROFILE

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1992

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Preface

Over the years the Addiction Research Foundation has had to meet a growing demand for statistical information on the prevalence of substance abuse and its associated problems. While a wide diversity of data is routinely collected in Ontario, it is often not published and certainly not contained in a single data source.

The Statistical Information Service was created to facilitate the compilation and dissemination of this data so that researchers, policy makers, planners and the other interested groups would have access to the most current information available.

This report, **Ontario Profile - Alcohol and Other Drugs, 1992** is an associated publication of the more comprehensive **Canadian Profile - Alcohol and Other Drugs, 1992**. These two publications have evolved originally from the **Statistical Supplement to the Annual Report of the Addiction Research Foundation** in 1978, and later the series entitled **Statistics on Alcohol and Other Drug Use in Canada and Other Countries**.

As the title suggests, this report contains both alcohol and other drug related statistical data for province of Ontario. While no single publication could easily include all available data on substance abuse, the **Ontario Profile** is the most comprehensive and up-to-date compilation of the provincial data for Ontario. Data in this report have been compiled from a variety of sources (available by October 1991) and while they have been verified to eliminate errors any limitations that existed in the original data will be repeated in this volume.

Finally, the last page is a survey regarding this publication and its contents. Readers are encouraged to spend the time to fill this out or to contact the Statistical Information Service directly with any comments or suggestions that can make this a more useful and comprehensive publication.

Acknowledgements

While this compilation has benefitted from the assistance and suggestions of many individuals, special thanks are due to: Margy Chan, Director Information Service Department and Chris Stanley, Manager Public Information Services for their encouragement and patience; members of the advisory committee for their comments and suggestions; Iona Noah, Toronto District Health Council for comments during the early planning stages; Theresa Williams for typing and collating of draft versions; all the individuals in Marketing, Creative Services and Printing who provided their assistance in putting this publication together; and finally, to all the individuals and agencies who have made their data available to us for compiling.

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Key To Symbols ---

"_"	zero or nil value
".."	figures too small to be expressed
"n.a."	figures not available

Percentages may not add up to 100% due to rounding.

Year Definitions:

Calendar Years: Data for the 12 month period January 1 to December 31.
Calendar years are denoted in the following manner:

1985 (covers January 1, 1985 to December 31, 1985)
1989 (covers January 1, 1989 to December 31, 1989)

Fiscal Years: In **all** cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year.
Fiscal year data are denoted in the following manner:

1986-87 (covers April 1, 1986 to March 31, 1987)
1988-89 (covers April 1, 1988 to March 31, 1989)

Introduction ---

Overview

This report, Ontario Profile - Alcohol and Other Drugs, 1992 is intended to provide a general overview of recent trends regarding alcohol and other drug use and attendant problems in Ontario. It presents data from a wide variety of sources and subjects areas including:

- survey results;
- alcohol sales data;
- drinking and driving;
- legal statistics;
- hospital separations (both general and psychiatric); and
- mortality.

It is hoped that this publication will aid, in conjunction with other sources of information, in establishing a more complete understanding of the extent of substance abuse in Ontario.

The sourcebook is composed of three parts. Part I contains a number of tables that provide an overview of data available at the provincial level. While the tables in this section provide greater detail in terms of the variables presented there is little or no regional breakdown of the data.

Part II forms the largest proportion of the report and contains data for Ontario at the county level. In general, the latest 5 years of available data have been presented. Following the main county data are a number of tables where the rates for selected variables have been ranked. Part II concludes with a section on sources, definitions and a description of any methods of calculation used in preparing the county data.

The final section, Part III, provides a brief description of the diagnostic categories that have been included; the various legal offences and a note on rate calculation.

The Data

Users of this publication are reminded that no single number or statistic can provide a complete picture of the extent of substance use or problems related to consumption. All of the data sources are subject to limitations. The motivation behind a compilation of this nature is to provide access to a vast abundance of data from different sources, representing alternative measures of consumption and problems.

For example, results from surveys provide information about drinking patterns and demographics. Surveys however, are limited by sample size and our own conscious or

Introduction (Continued)

unconscious underestimation of alcohol usage. Estimates concerning alcohol consumption derived from sales data are subject to the constraints imposed by the conversion factors that have been employed in their calculation and provide no information regarding drinker characteristics or drinking behaviour.

Beyond actual characteristics of drinkers, information is required concerning other patterns of behaviour or problems. Morbidity, mortality, and legal data provide measures of consequences and social or health complications resulting from the use of alcohol or drugs and are no less subject to limitations.

Consider hospital morbidity data. This includes information regarding patients that were admitted to hospitals and treated primarily for specific alcohol or drug disorders. Not included are patients with other specific problems that may have been related to substance abuse. Nor is there an indicator of how many emergency room or doctor visits may be linked to problems resulting from substance abuse.

Similarly, legal data is subject to changes in police detection, enforcement patterns and methods. Hence, changes may not represent a change in prevalence of usage but a change in importance society has placed on that particular problem. In this case data for a number of years may be needed to provide a general indication of trends, free from year to year variations. In addition, only the most serious offence is actually counted, thus the occurrence of lesser offences may be under represented.

A further complication involves rates that are calculated for counties that have a small population base. The occurrence of a relatively rare event in a county with a low population can cause dramatic changes in calculated rates.

Example: Total alcohol-related mortality in Haliburton county. Notice that difference between 1 death and 2 deaths not only doubles the rate in Haliburton, but also represents the difference between Haliburton being well above or below the provincial rate, which is relatively stable over the same time period.

Year	Total Population	Total Alcohol-Related Deaths	Rate Per 100,000 Population	
	Haliburton	Haliburton	Haliburton	Province
1984	11,800	2	16.9	11.4
1985	11,800	1	8.5	11.3
1986	12,000	1	8.3	11.6
1987	12,200	1	8.2	11.2
1988	12,800	2	15.6	11.1

Introduction (Concluded)

While the data is less-than-perfect, it is nevertheless commonly used to indicate directly or indirectly present conditions with regard to substance abuse. The epidemiologist

..has to get what he can get from such sources as official statistics, which are usually prepared with an object different from his own. Such information is therefore rarely all that one could wish.. But however incomplete the data may be, and however tangentially pertinent to his enquiry, the investigator must take what he can get and be thankful. (M.G. Kendall)¹

Unfortunately, a report of this nature can only provide a small window on the material covered in the original documents. Users are reminded that while not all of the material reproduced in this report is from published sources, those that are published contain additional data and information that may also be useful.

¹ G.U. Yule and M.G. Kendall, An Introduction to the Theory of Statistics, 14th ed. (New York: Hafner Publishing Co., 1956) p. xix.

Part I

PROVINCIAL DATA

Provincial Data Overview

Part I of this report presents a number of supplementary tables with primarily provincial data for Ontario. Most of the information in this section is not available at the county level or was not included with a county breakdown because of space limitations. The tables are organized in the following manner:

Tables	Subject Areas
I-1 through I-7	Results of student surveys conducted in Ontario
I-8 through I-10	Results from a "street youth" survey conducted in Toronto
I-11 through I-15	Results of adult surveys (aged 18 and over) conducted in Ontario
I-16 through I-23	Drinking and driving
I-24 through I-28	Liquor act and drug-related legal statistics
I-29 through I-34	Morbidity data
I-35 through I-38	Mortality data

A large proportion of the data in this section is comparable to the county data presented in Part II. As a result, readers are encouraged to examine the source and explanatory notes that accompany the county data. The technical notes contained in Part III are also applicable to the data in this section.

Readers should also be aware that there are some discrepancies (primarily involving legal statistics) between provincial totals that appear in this section and corresponding provincial totals to the county level information. In general these discrepancies are small.

Data Notes

Data in Tables I-1 through I-15 is derived from surveys conducted by researchers at Addiction Research Foundation. Surveys are valuable in that they provide not only information about substance use but also demographic characteristics of users. However, surveys can only provide an estimate of the "true" level of substance use within a population and are subject to limitations. Small sub-groups within society, that may be subject to higher levels of substance use (school drop-outs, "street youth", the homeless), are not included. Similarly, whether consciously or unconsciously respondents to surveys tend to underestimate their level of substance use. But by performing multiple surveys over time the resulting trends, although biased in this manner, are a valid indicator of changes in substance use.

Tables I-8 through I-10 are based on a survey involving "street youth" under the age of 24 from the downtown core of Toronto. This survey was a preliminary attempt to obtain information about a sub-group within our society that would not normally be captured in the usual adult or student surveys. While the authors are confident about the integrity of the responses, they also point out that the sample was small (145 persons) derived from a population the size of which is unknown (estimates range from 1,500 to 10,000 individuals).

Provincial Data Overview (Concluded) ---

In addition to being under the age of 24, the following criteria were used in defining "street youth" for inclusion in the survey:

1. participants must have used at least one social service facility directed toward street youth in their lifetime;
2. they must have left school before completing grade 12;
3. they must have lived away from their family (or guardian) at least two days during the past year;
4. they must have run away or been thrown out of their home at least once; and
5. they must have been homeless (i.e., without a place to stay) at least one

"Youths were interviewed if they responded affirmatively to criteria one, or if they responded affirmatively to three or more items from criteria two through five."¹

¹ Smart, R.G., Adlaf, E.M., Porterfield, K.M. & Canale, M.D., Drugs, Youth & the Street (Toronto: Addiction Research Foundation 1990).

TABLE I-1

**PERCENTAGE OF STUDENTS REPORTING ALCOHOL USE¹
BY SELECTED CHARACTERISTICS OF THE POPULATION,
ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991**

Characteristics	1981	1983	1985	1987	1989	1991
All	75.3%	71.7%	69.8%	68.1%	66.2%	58.7%
Sex:						
Male	74.7	72.6	71.3	69.1	68.1	58.1
Female	76.1	70.8	68.3	67.2	64.5	59.4
Age:						
13 and under	47.6	52.7	42.6	43.1	42.0	29.6
14 - 15	74.6	71.1	67.0	63.8	64.6	54.6
16 - 17	85.0	88.5	87.1	84.7	81.6	75.0
18 and over	89.8	89.9	87.9	88.3	87.5	82.1
Grade:						
Seven	47.3	53.1	43.3	43.5	42.4	30.1
Nine	75.4	71.5	67.9	64.7	64.7	55.7
Eleven	83.9	89.0	87.2	84.8	81.9	75.0
Thirteen	91.7	90.6	88.9	88.8	88.4	84.1
Region:						
Metro	70.7	72.2	69.5	66.8	60.7	55.2
West	80.6	71.6	70.8	66.3	66.1	59.2
East	73.0	71.0	67.6	71.6	66.9	59.6
North	74.4	73.2	71.8	68.3	75.4	61.7

¹ Alcohol use was defined as consuming alcohol at least once in the previous year, including at special events such as Christmas or weddings; however, having only a sip of alcohol to see what it was like was considered non-use.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE 1-2

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	1981	1983	1985	1987	1989	1991
Cannabis	29.9%	23.7%	21.2%	15.9%	14.1%	11.7%
Glue	2.3	3.2	2.0	2.4	1.9	1.1
Other Solvents	3.2	4.1	2.7	3.7	3.1	1.6
Barbiturates ¹	12.5	11.0	9.0	7.8	7.8	4.4
Barbiturates ²	8.1	6.0	4.4	3.3	2.2	2.2
Heroin	1.5	1.6	1.5	1.4	1.2	1.0
Speed	3.0	3.9	3.1	3.1	2.5	1.8
Stimulants ¹	6.1	5.2	4.3	4.3	3.3	2.6
Stimulants ²	12.1	15.4	11.8	7.9	6.5	4.0
Tranquillizers ¹	7.5	6.5	4.7	4.9	3.1	2.9
Tranquillizers ²	4.9	5.0	3.3	3.0	2.4	1.6
LSD	10.2	8.6	7.4	5.9	5.9	5.2
Other Hallucinogens	4.7	6.0	4.8	4.5	4.3	3.3
Cocaine	4.8	4.1	4.5	3.8	2.7	1.6
PCP	2.5	2.0	1.7	1.3	1.1	0.5

¹ Prescription

² Non-prescription

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Addiction Research Foundation, 1991).

TABLE I-3

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY SEX, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Male					
	1981	1983	1985	1987	1989	1991
Cannabis	33.2%	28.0%	24.4%	18.7%	14.7%	13.2%
Glue	2.3	3.8	2.3	3.3	2.4	1.1
Other Solvents	3.4	4.6	2.7	4.2	3.4	1.3
Barbiturates ¹	14.5	11.4	9.1	8.9	8.1	3.9
Barbiturates ²	8.3	7.9	4.6	4.0	2.5	1.9
Heroin	2.0	2.0	1.9	1.8	1.4	1.2
Speed	3.1	5.2	3.2	3.9	2.9	2.2
Stimulants ¹	6.9	5.7	4.7	4.5	3.7	2.6
Stimulants ²	12.0	15.9	11.3	7.3	5.6	3.4
Tranquillizers ¹	7.5	5.8	4.4	4.4	2.7	3.3
Tranquillizers ²	5.6	5.4	2.8	3.3	2.1	1.4
LSD	11.4	10.8	8.7	7.8	6.8	5.9
Other Hallucinogens	5.5	8.1	5.8	6.1	4.6	4.2
Cocaine	5.7	5.6	5.2	5.1	3.5	2.0
PCP	3.0	2.4	2.1	2.0	1.5	0.9

Type of Drug	Female					
	1981	1983	1985	1987	1989	1991
Cannabis	26.3%	19.4%	17.9%	13.2%	13.5%	9.9%
Glue	2.2	2.7	1.7	1.5	1.4	1.1
Other Solvents	2.9	3.6	2.7	3.3	2.8	2.0
Barbiturates ¹	10.4	10.5	8.9	6.8	7.1	4.9
Barbiturates ²	7.9	4.9	4.1	2.6	2.0	2.4
Heroin	0.8	1.3	1.0	1.0	0.9	0.9
Speed	3.0	2.6	2.9	2.4	2.0	1.5
Stimulants ¹	5.3	4.8	3.9	4.1	2.8	2.5
Stimulants ²	12.0	14.8	12.3	8.5	7.3	4.7
Tranquillizers ¹	7.6	7.0	4.9	5.5	3.5	2.6
Tranquillizers ²	4.2	4.6	3.8	2.6	2.6	1.8
LSD	8.9	6.4	6.0	4.0	4.9	4.5
Other Hallucinogens	3.7	3.8	3.6	3.1	3.9	2.3
Cocaine	3.7	2.7	3.6	2.4	1.9	1.2
PCP	1.9	1.7	1.1	0.6	0.7	0.1

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11, and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, *The Ontario Student Drug Use Survey: Trends Between 1977 and 1991* (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-4

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY AGE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Aged 13 and Under					
	1981	1983	1985	1987	1989	1991
Cannabis	5.7%	3.9%	4.2%	3.3%	0.7%	0.7%
Glue	3.4	4.7	3.1	3.9	2.2	1.2
Other Solvents	5.0	6.6	4.3	6.9	4.7	2.2
Barbiturates ¹	6.4	7.7	4.4	6.0	5.7	3.1
Barbiturates ²	1.1	1.3	0.9	0.8	0.6	0.7
Heroin	0.6	1.3	1.2	1.5	0.9	1.1
Speed	1.0	0.9	1.3	1.4	0.9	0.6
Stimulants ¹	4.2	4.2	2.3	3.2	2.6	1.6
Stimulants ²	3.2	2.7	2.9	2.1	1.3	1.1
Tranquillizers ¹	3.4	4.0	2.7	3.3	1.9	1.7
Tranquillizers ²	1.4	1.9	1.5	1.0	0.7	0.4
LSD	1.8	1.4	1.7	2.5	1.5	0.9
Other Hallucinogens	0.7	0.7	0.9	1.2	1.0	0.2
Cocaine	2.5	2.7	2.5	2.1	1.0	0.9
PCP	1.1	1.2	1.2	1.1	0.7	0.2

Type of Drug	Aged 14 and 15					
	1981	1983	1985	1987	1989	1991
Cannabis	25.3%	24.3%	16.4%	11.9%	12.1%	6.4%
Glue	3.1	4.0	2.4	3.0	1.8	1.3
Other Solvents	4.8	4.2	3.6	3.3	2.9	2.4
Barbiturates ¹	12.6	10.7	8.8	5.9	7.6	4.6
Barbiturates ²	8.5	6.2	3.8	3.0	2.6	1.8
Heroin	2.0	2.1	2.0	1.2	1.0	1.2
Speed	3.2	6.6	3.0	2.7	2.8	1.4
Stimulants ¹	6.9	5.8	4.9	4.1	3.6	3.5
Stimulants ²	11.9	15.2	9.6	6.4	7.6	2.2
Tranquillizers ¹	7.6	6.2	3.9	4.4	2.2	2.6
Tranquillizers ²	6.1	6.2	3.5	3.0	2.1	1.6
LSD	9.7	9.2	5.0	4.3	5.5	2.1
Other Hallucinogens	4.4	5.4	3.3	2.5	3.3	1.1
Cocaine	5.4	3.9	3.2	2.9	1.5	1.0
PCP	2.5	2.6	1.2	1.5	1.6	0.8

TABLE I-4 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY AGE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Aged 16 and 17					
	1981	1983	1985	1987	1989	1991
Cannabis	45.5%	40.8%	34.9%	23.7%	28.0%	19.2%
Glue	1.6	1.6	1.5	1.5	2.1	0.9
Other Solvents	1.5	2.1	1.5	2.7	2.8	0.9
Barbiturates ¹	14.2	14.2	13.2	10.1	9.6	5.4
Barbiturates ²	13.2	11.3	7.3	5.6	3.4	3.6
Heroin	1.7	2.1	1.8	1.5	1.7	1.0
Speed	4.3	4.7	5.0	5.3	3.9	3.2
Stimulants ¹	6.7	6.2	5.6	5.6	4.1	2.8
Stimulants ²	18.6	27.6	18.8	13.0	8.7	6.9
Tranquillizers ¹	9.6	9.2	6.5	6.3	4.4	3.9
Tranquillizers ²	6.7	6.7	5.1	4.5	3.8	2.2
LSD	16.3	15.7	12.9	9.5	9.1	9.1
Other Hallucinogens	7.2	11.5	8.1	7.7	7.1	6.1
Cocaine	5.6	5.4	6.0	4.7	4.6	2.3
PCP	3.6	2.7	2.9	1.4	1.3	0.6

Type of Drug	Aged 18 and Over					
	1981	1983	1985	1987	1989	1991
Cannabis	37.1%	40.4%	33.1%	31.9%	27.7%	24.1%
Glue	0.1	0.8	0.4	0.1	1.3	0.9
Other Solvents	0.4	1.2	0.5	0.4	1.2	0.9
Barbiturates ¹	13.3	13.6	9.5	10.4	8.6	4.3
Barbiturates ²	3.9	7.7	5.8	3.4	2.3	2.3
Heroin	0.4	0.7	0.4	0.9	1.0	0.8
Speed	2.4	3.6	2.6	2.5	2.0	2.0
Stimulants ¹	4.9	4.6	4.3	4.1	2.3	2.2
Stimulants ²	8.3	25.6	17.6	10.7	9.8	6.4
Tranquillizers ¹	7.6	8.0	5.8	6.2	6.1	3.7
Tranquillizers ²	2.2	6.8	2.8	3.3	3.7	2.1
LSD	8.5	12.0	11.1	7.6	9.1	9.8
Other Hallucinogens	4.5	10.4	7.9	8.4	7.7	6.5
Cocaine	3.6	5.9	7.3	6.9	5.3	2.6
PCP	1.6	2.1	1.2	0.9	0.4	0.5

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Addiction Research Foundation, 1991).

TABLE I-5

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY GRADE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Grade 7					
	1981	1983	1985	1987	1989	1991
Cannabis	5.7%	5.2%	4.7%	3.8%	0.9%	0.7%
Glue	3.7	4.7	3.1	3.9	2.2	1.1
Other Solvents	5.5	7.0	4.4	7.0	4.5	2.1
Barbiturates ¹	6.6	7.6	4.5	5.9	5.5	3.1
Barbiturates ²	1.1	1.5	1.1	0.9	0.7	0.7
Heroin	0.7	1.5	1.5	1.7	0.9	0.8
Speed	1.0	1.0	1.4	1.5	1.0	0.4
Stimulants ¹	3.7	4.4	2.4	3.2	2.6	1.5
Stimulants ²	3.1	3.4	3.0	2.3	1.4	0.9
Tranquillizers ¹	3.3	4.2	3.0	3.3	1.8	1.7
Tranquillizers ²	1.4	2.0	1.7	1.1	0.6	0.3
LSD	2.0	2.0	2.0	2.7	1.6	0.9
Other Hallucinogens	0.9	0.9	1.1	1.2	0.9	0.3
Cocaine	2.7	2.8	2.9	2.4	1.1	0.8
PCP	1.2	1.0	1.4	1.2	0.7	0.2

Type of Drug	Grade 9					
	1981	1983	1985	1987	1989	1991
Cannabis	27.1%	25.1%	18.3%	12.1%	12.9%	8.1%
Glue	3.0	4.0	2.5	3.1	2.3	1.3
Other Solvents	4.7	3.7	3.3	3.1	3.6	1.9
Barbiturates ¹	13.8	11.3	8.9	6.3	7.7	4.6
Barbiturates ²	9.7	6.4	4.4	3.2	2.8	2.4
Heroin	2.2	2.4	2.1	1.3	1.1	1.2
Speed	3.8	6.8	3.4	3.0	2.9	1.9
Stimulants ¹	7.2	5.5	4.9	4.2	3.7	3.4
Stimulants ²	13.1	15.5	10.7	6.9	7.6	2.5
Tranquillizers ¹	8.1	6.5	3.7	4.7	2.3	2.8
Tranquillizers ²	6.3	6.9	3.8	3.2	2.4	2.1
LSD	10.7	9.5	5.9	4.6	6.2	3.6
Other Hallucinogens	4.8	6.4	4.1	3.0	3.6	1.9
Cocaine	5.9	4.6	4.3	3.2	2.1	1.5
PCP	2.8	3.0	1.4	1.3	1.7	1.0

TABLE I-5 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE, AT LEAST ONCE DURING THE PRIOR YEAR BY GRADE, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Grade 11					
	1981	1983	1985	1987	1989	1991
Cannabis	44.2%	42.1%	35.1%	24.3%	22.5%	20.2%
Glue	1.3	1.6	1.1	1.3	1.7	1.1
Other Solvents	1.4	2.1	1.4	2.6	2.2	1.4
Barbiturates ¹	14.8	14.9	13.4	10.4	10.1	5.8
Barbiturates ²	12.4	12.0	7.3	5.4	2.9	3.5
Heroin	1.5	1.6	1.3	1.6	1.8	1.3
Speed	3.7	5.4	5.0	5.2	3.7	3.2
Stimulants ¹	7.4	6.5	6.0	5.6	3.9	2.9
Stimulants ²	18.4	29.0	18.9	12.9	8.4	7.6
Tranquillizers ¹	9.9	9.3	6.8	6.1	4.6	3.7
Tranquillizers ²	6.4	6.7	4.5	4.3	3.9	2.3
LSD	16.0	16.5	13.5	9.8	8.5	9.9
Other Hallucinogens	7.3	11.5	8.4	7.6	7.3	6.5
Cocaine	5.5	5.0	5.1	4.6	4.6	2.8
PCP	3.4	2.6	2.4	1.6	1.1	0.6

Type of Drug	Grade 13					
	1981	1983	1985	1987	1989	1991
Cannabis	37.4%	36.5%	30.8%	30.5%	28.0%	21.5%
Glue	0.2	0.4	0.4	0.3	1.0	0.4
Other Solvents	—	0.9	0.7	0.4	1.1	0.6
Barbiturates ¹	11.5	11.9	9.4	9.3	8.0	3.5
Barbiturates ²	3.1	6.4	4.8	3.3	2.8	1.8
Heroin	—	0.3	0.4	0.2	0.7	0.6
Speed	1.8	2.0	2.0	2.2	2.2	1.5
Stimulants ¹	3.5	4.5	3.4	3.9	2.4	2.3
Stimulants ²	7.1	23.0	16.8	10.3	10.7	5.5
Tranquillizers ¹	6.2	7.3	5.7	6.2	5.0	4.0
Tranquillizers ²	2.1	5.4	3.1	3.1	3.2	1.4
LSD	6.5	9.3	8.7	6.4	8.7	6.8
Other Hallucinogens	3.4	8.4	6.3	8.2	7.2	4.9
Cocaine	2.9	5.0	6.7	5.9	4.2	1.2
PCP	1.0	1.1	1.3	0.5	0.6	0.3

¹ Prescription.

² Non-prescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Addiction Research Foundation, 1991).

TABLE I-6

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY REGION, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	Metro					
	1981	1983	1985	1987	1989	1991
Cannabis	19.1%	20.6%	20.7%	13.1%	12.5%	10.1%
Glue	1.6	2.2	2.1	1.8	1.7	0.7
Other Solvents	2.0	3.2	1.5	3.9	2.3	1.1
Barbiturates ¹	10.1	8.5	7.0	6.4	6.9	4.0
Barbiturates ²	4.9	4.2	4.2	2.8	1.8	1.5
Heroin	0.9	1.1	2.4	2.1	0.9	1.9
Speed	1.5	1.5	3.7	2.6	2.5	1.3
Stimulants ¹	4.3	4.5	4.2	2.5	2.7	1.5
Stimulants ²	5.2	14.1	11.9	5.7	6.4	3.3
Tranquillizers ¹	5.9	5.2	4.1	4.3	1.4	2.4
Tranquillizers ²	3.5	4.0	3.9	2.1	1.6	1.3
LSD	5.8	7.6	6.5	2.9	4.5	3.9
Other Hallucinogens	3.1	5.2	5.9	2.6	3.8	2.9
Cocaine	4.1	3.2	5.8	3.8	3.4	2.4
PCP	1.0	1.7	2.2	0.9	0.6	0.9

Type of Drug	West					
	1981	1983	1985	1987	1989	1991
Cannabis	39.5%	25.6%	22.6%	15.3%	13.8%	12.2%
Glue	2.6	4.2	2.2	2.8	2.2	1.3
Other Solvents	3.4	4.8	2.9	3.9	3.3	1.9
Barbiturates ¹	14.7	10.7	9.9	7.3	7.6	4.6
Barbiturates ²	13.0	6.3	4.5	3.1	2.5	2.1
Heroin	2.5	1.8	1.4	1.2	1.5	1.0
Speed	5.0	5.5	3.2	2.8	3.2	2.5
Stimulants ¹	8.4	5.6	4.8	5.2	3.3	2.9
Stimulants ²	18.8	17.1	13.6	7.9	6.4	4.5
Tranquillizers ¹	9.2	6.5	4.8	5.1	3.4	3.0
Tranquillizers ²	6.0	5.3	2.6	2.8	2.4	1.6
LSD	14.3	9.4	9.6	6.4	6.4	5.8
Other Hallucinogens	6.4	7.5	4.4	4.1	4.6	3.3
Cocaine	6.2	4.9	4.3	3.0	2.6	1.3
PCP	3.4	2.0	1.8	1.6	1.1	0.3

TABLE I-6 (Concluded)

PERCENTAGE OF STUDENTS REPORTING DRUG USE AT LEAST ONCE DURING THE PRIOR YEAR BY REGION, ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991

Type of Drug	East					
	1981	1983	1985	1987	1989	1991
Cannabis	28.9%	23.0%	18.0%	18.0%	13.4%	11.7%
Glue	2.1	2.7	1.7	2.1	1.5	0.9
Other Solvents	4.0	3.3	3.2	2.7	3.4	1.6
Barbiturates ¹	10.8	12.8	8.5	8.2	8.4	3.6
Barbiturates ²	5.8	6.5	3.9	3.2	1.9	2.2
Heroin	1.0	1.8	0.8	1.1	0.8	0.5
Speed	2.0	3.2	2.3	3.9	1.6	1.0
Stimulants ¹	4.8	5.4	3.1	4.3	3.2	2.5
Stimulants ²	11.2	13.8	8.1	8.5	6.3	3.7
Tranquillizers ¹	6.5	7.2	4.8	4.8	3.3	3.0
Tranquillizers ²	4.8	5.6	3.0	3.9	2.7	1.6
LSD	8.9	7.8	4.2	6.2	5.0	4.3
Other Hallucinogens	4.2	4.5	4.3	6.7	4.2	3.7
Cocaine	4.1	3.6	3.7	5.1	2.8	1.8
PCP	2.6	2.4	1.0	0.8	1.5	0.3

Type of Drug	North					
	1981	1983	1985	1987	1989	1991
Cannabis	25.5%	24.7%	25.0%	18.6%	20.5%	12.7%
Glue	3.4	3.3	1.6	3.1	2.6	1.2
Other Solvents	3.7	5.9	3.1	5.4	3.5	1.7
Barbiturates ¹	15.5	12.3	11.3	12.2	8.4	6.9
Barbiturates ²	4.8	7.7	5.2	5.1	2.8	4.1
Heroin	0.5	1.7	1.6	1.3	1.5	1.0
Speed	2.5	4.7	3.0	3.7	1.7	2.3
Stimulants ¹	6.6	4.7	5.6	5.2	4.6	3.9
Stimulants ²	7.7	16.0	14.1	11.1	7.8	4.1
Tranquillizers ¹	8.5	7.0	5.1	6.1	4.4	3.9
Tranquillizers ²	5.0	4.0	5.2	3.3	2.9	2.5
LSD	9.6	9.7	8.8	9.5	8.4	8.7
Other Hallucinogens	3.4	5.9	4.9	4.5	4.0	2.4
Cocaine	3.3	4.7	4.5	2.9	2.0	0.5
PCP	2.5	1.3	2.0	1.9	1.1	2.2

¹ Prescription.

² Nonprescription.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989 and 3,945 in 1991 grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, *The Ontario Student Drug Use Survey: Trends Between 1977 and 1991* (Toronto: Addiction Research Foundation, 1991).

TABLE I-7

**PERCENTAGE OF STUDENTS REPORTING TOBACCO USE¹
BY SELECTED CHARACTERISTICS OF THE POPULATION,
ONTARIO, 1981, 1983, 1985, 1987, 1989 AND 1991**

Characteristics	1981	1983	1985	1987	1989	1991
All	30.3%	29.1%	24.5%	24.0%	23.3%	21.7%
Sex:						
Male	26.1	28.1	22.6	22.8	22.1	21.5
Female	35.1	30.1	26.4	25.1	24.5	21.9
Age:						
13 and under	8.8	12.7	9.6	9.0	6.6	5.8
14 – 15	31.1	33.6	23.0	25.2	28.0	18.8
16 – 17	42.7	44.0	35.3	31.2	30.4	31.3
18 and over	26.9	31.9	31.9	34.7	30.9	34.1
Grade:						
Seven	9.4	14.9	10.5	10.2	7.1	6.1
Nine	32.2	32.6	24.6	24.9	28.3	21.3
Eleven	43.4	44.6	35.4	32.4	30.4	31.9
Thirteen	23.1	30.0	29.4	31.5	30.2	30.6
Region:						
Metro	26.3	24.7	25.4	19.6	23.3	19.3
West	36.0	31.7	25.8	23.7	23.5	22.2
East	29.1	29.1	21.3	26.0	21.6	22.0
North	23.5	8.5	26.3	29.4	27.4	23.6

¹ Tobacco use was defined as consuming tobacco at least once during the previous year.

Note: Based on a province-wide survey of approximately 3,270 Ontario students in 1981, 4,737 in 1983, 4,154 in 1985, 4,267 in 1987, 3,915 in 1989, and 3,945 in 1991 in grades 7, 9, 11 and 13.

Source: R.G. Smart, E.M. Adlaf and G.W. Walsh, The Ontario Student Drug Use Survey: Trends Between 1977 and 1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE 1-8

ALCOHOL CONSUMPTION BY "STREET" YOUTH¹ IN TORONTO, 1990

	Total (N=145)	Gender		Age	
		Male (N=93)	Female (N=52)	<19 (N=67)	19+ (N=78)
<u>Alcohol use during past 12 months:</u>					
Never in lifetime	1%	2%	—%	2%	1%
Never in year	4	4	4	—	8
Just once	2	2	2	5	—
A few times	12	12	14	12	13
< 1 month	3	2	6	3	4
1 month	3	2	4	5	1
2–3 times/month	16	17	13	18	14
1 week	13	16	8	13	13
2–3 times/week	24	24	25	25	23
4–6 times/week	10	10	10	10	9
Everyday	6	5	8	6	6
Varies	3	2	4	2	4
Quit in last year	2	1	4	—	4
<u>Number of standard drinks consumed during past 7 days:</u>					
Mean Number of Drinks	15.1	13.3	18.4	16.1	14.2
0 drinks	36%	41%	28%	26%	45%
1– 7	26	25	28	30	22
8–14	8	8	8	12	4
15–21	4	4	4	2	6
22–28	6	4	10	9	4
29	20	18	24	21	19
<u>Consumed 5 or more drinks at a single sitting during past 4 weeks:</u>					
Never	37%	34%	42%	29%	44%
Once	15	22	2	12	17
Twice	12	10	15	14	10
3 times	8	8	10	14	4
4 times	4	4	4	6	3
5 or more times	24	22	27	26	22

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-9

LIFETIME, ANNUAL AND DAILY PREVALENCE OF DRUG USE BY "STREET" YOUTH¹ IN TORONTO, 1990

	Total (N=145)	Gender		Age	
		Male (N=93)	Female (N=52)	<19 (N=67)	19+ (N=78)
Cannabis					
Year	92%	93%	92%	91%	94%
Daily	16	19	10	8	23
LSD					
Year	70	72	65	78	63
Daily	3	3	2	3	3
Cocaine					
Year	64	66	62	60	68
Daily	6	5	6	5	6
Diazepam (Tranquillizer)					
Year	59	52	71	57	60
Daily	2	1	4	—	4
Crack					
Ever	46	46	44	34	55
Year	39	41	37	34	44
Daily	6	5	6	5	6
Speed					
Ever	33	38	26	28	38
Year	24	29	15	27	22
Daily	—	—	—	—	—
Inhalants					
Ever	24	18	35	27	22
Year	17	12	25	21	13
Daily	..	..	—	—	1
Heroin					
Ever	18	16	21	10	24
Year	13	11	17	10	15
Daily	—	—	—	—	—
Ecstasy					
Ever	13	11	15	8	17
Year	12	10	15	6	17
Daily	—	—	—	—	—
Ice					
Ever	5	7	2	3	6
Year	5	7	2	3	6
Daily	—	—	—	—	—

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-10

THE 10 MOST IMPORTANT PROBLEMS "FACING STREET YOUTH"¹ TODAY" IN TORONTO, 1990

Problems	Total (N=138)	Gender		Age	
		Male (N=88)	Female (N=50)	<19 (N=65)	19+ (N=73)
Homelessness/Housing	65%	73%	50%	68%	62%
Violence/Crime ²	60	53	72	63	58
Drugs	55	58	50	52	58
Food	34	33	36	46	23
Health	32	31	34	25	38
Money	28	25	34	34	23
Alcohol	23	24	20	20	25
Police/Criminal Justice System ³	17	18	14	20	14
Employment	16	19	10	12	19
Inadequate Services/Programs ⁴	16	16	16	15	16

¹ Based on a sample of 145 "street" youth aged 24 years and under interviewed during February and March, 1990 in downtown Toronto.

² Crime against street youth such as theft, battery, rape, knifing, kidnapping, physical abuse by pimps and others, prostitution, etc.

³ Inequality of the system with regard to street youth, contacts with police.

⁴ Lack of counselling, access to social assistance, hostels and shelters, etc.

Source: R.G. Smart, E.M. Adlaf, K.M. Porterfield, and M.D. Canale, Drugs, Youth and the Street (Toronto: Addiction Research Foundation, 1990).

TABLE I-11

**ALCOHOL USE¹ AMONG ADULTS AGED 18 YEARS AND OVER
BY SELECTED CHARACTERISTICS OF THE POPULATION,
ONTARIO, 1977, 1982, 1984, 1987, 1989 AND 1991**

Characteristics of Population	(Percentage Using Alcohol at Least Once During the Prior Year)					
	1977 N=1774	1982 N=1040	1984 N=1051	1987 N=1084	1989 N=1101	1991 N=1041
Total Sample	79.9%	77.6%	84.5%	83.1%	82.6%	82.1%
Gender:						
Male	85.9	81.6	86.8	87.6	85.8	88.2
Female	73.4	73.6	82.3	78.8	79.6	76.5
Age:						
18 – 29 years	85.8	82.5	89.8	92.1	88.1	87.2
30 – 39 years	86.0	82.5	91.1	87.7	90.8	85.2
40 – 49 years	88.6	80.6	88.6	87.7	87.3	85.8
50 – 64 years	76.2	76.2	80.0	80.9	74.2	76.3
65+ years	53.5	58.5	64.8	58.2	66.8	73.8
Region:						
Metro Toronto	80.6	81.3	87.3	85.6	83.0	82.1
Metro Outskirts	83.5	72.2	85.5	82.0	79.5	83.3
Eastern Ontario	79.5	77.3	82.8	85.5	81.4	83.1
Western Ontario	78.8	77.9	80.3	81.6	82.4	79.4
Northern Ontario	74.1	71.7	87.0	75.7	87.9	87.4
Education²:						
Elementary	69.8	64.7	69.5	65.6	65.6	71.6
Secondary	79.0	77.3	84.7	80.8	81.4	80.4
Post-Secondary	88.5	84.3	88.8	89.8	88.0	86.3
Occupation:						
Professional/Managerial	—	83.4	88.8	92.4	88.1	90.6
Sales/Clerical	—	84.6	91.5	89.3	86.3	82.0
Labour	—	82.8	89.6	88.1	89.0	82.3
Unemployed	—	73.7	89.0	87.9	73.1	85.5
Housewife	—	68.2	75.4	69.1	76.0	68.0
Students	—	88.3	90.7	88.8	80.5	86.5
Other	—	62.5	70.3	67.2	65.0	80.8

¹ Data based on Gallup household surveys. "Users" are defined as anyone who has used alcohol during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-12

ALCOHOL USE AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO A SURVEY CONDUCTED IN ONTARIO, 1991

Characteristics of Population	Abstainer %	Users ¹ %	Percentage of Users Reporting:	
			Daily Drinking	5+ Drinks ²
Total Sample	17.8%	82.1%	8.3%	50.9%
Gender:				
Male	11.8	88.2	11.6	63.2
Female	23.5	76.5	4.9	36.8
Age³:				
18 - 29 years	12.8	87.2	2.9	72.1
30 - 39 years	14.8	85.2	5.2	56.5
40 - 49 years	14.2	85.8	10.0	41.5
50 - 64 years	23.7	76.3	13.2	39.2
65+ years	26.2	73.8	17.9	20.3
Region:				
Metro Toronto	17.9	82.1	12.9	52.0
Metro Outskirts	16.7	83.3	5.5	42.4
Eastern Ontario	16.9	83.1	6.3	47.9
Western Ontario	20.6	79.4	5.2	51.4
Northern Ontario	12.6	87.4	6.8	65.5
Education^{3,4}:				
Elementary	28.4	71.6	10.1	38.6
Secondary	19.6	80.4	8.3	51.4
Post-Secondary	13.7	86.3	8.1	52.3
Occupation³:				
Professional/Managerial	9.4	90.6	7.8	50.1
Sales/Clerical	18.0	82.0	6.3	56.9
Labour	17.7	82.3	9.1	64.3
Unemployed	14.5	85.5	11.6	56.1
Housewife	32.0	68.0	4.3	27.6
Students	13.5	86.5	2.9	79.7
Other	19.2	80.8	18.4	25.0
Gross Family Income^{3,5}:				
<\$10,000	26.7	73.3	4.6	56.6
\$10,000 - \$14,999	28.5	71.5	5.8	58.3
\$15,000 - \$19,999	16.9	83.1	9.7	42.5
\$20,000 - \$39,999	19.7	80.3	9.6	51.8
\$40,000 - \$49,999	11.3	88.7	8.7	47.1
\$50,000+	10.9	89.1	8.9	52.7

TABLE I-12 (Concluded)

ALCOHOL USE AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO A SURVEY CONDUCTED IN ONTARIO, 1991

¹ Data based on Gallup household survey with a sample size of 1,041. "Users" are defined as anyone who has used alcohol during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Users reporting 5 or more drinks at a single sitting.

³ Excludes data for 9 respondents who did not state their age, 5 their education, 12 their occupation and 204 their income.

⁴ Refers to the last school the respondent attended or graduated.

⁵ Income levels are measured in dollars of the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-13

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

Characteristics of Population	% Using SLEEPING PILLS at Least Once During the Prior Year					
	1977 N=1756	1982 N=1033	1984 N=1043	1987 N=1074	1989 N=1099	1991 N=1040
Total Sample	7.6%	6.2%	7.3%	9.0%	9.1%	7.7%
Gender:						
Male	6.0	4.3	4.6	7.1	7.2	6.2
Female	9.3	8.1	9.9	10.8	11.0	9.1
Age:						
18 - 29 years	4.0	3.3	2.2	7.1	9.4	4.7
30 - 39 years	5.5	4.6	4.3	8.2	5.2	5.9
40 - 49 years	3.3	3.6	7.4	9.3	8.8	8.1
50 - 64 years	12.7	10.0	12.1	12.6	9.3	8.8
65+ years	17.9	12.1	15.2	9.5	14.9	14.9
Region:						
Metro Toronto	6.7	4.7	6.3	6.1	10.5	8.1
Metro Outskirts	6.3	6.5	7.6	8.6	9.7	8.9
Eastern Ontario	7.1	6.3	6.7	10.2	11.0	7.0
Western Ontario	9.9	7.0	9.4	10.3	6.2	8.0
Northern Ontario	6.3	8.7	6.1	13.5	8.3	5.5
Education²:						
Elementary	13.5	12.1	10.3	14.8	12.8	8.7
Secondary	7.0	4.8	8.2	8.3	7.0	9.0
Post-Secondary	5.0	5.7	5.1	8.3	10.3	6.1
Occupation:						
Professional/Managerial	n.a.	5.2	4.1	8.5	10.0	5.6
Sales/Clerical	n.a.	4.9	4.8	5.3	9.3	4.7
Labour	n.a.	4.1	8.8	7.9	5.9	5.2
Unemployed	n.a.	3.5	4.2	12.2	4.5	9.5
Housewife	n.a.	8.8	12.0	14.1	11.8	11.0
Students	n.a.	2.9	..	8.1	6.7	9.0
Other	n.a.	11.3	10.7	9.0	12.3	13.8
Gross Family Income³:						
<\$10,000	11.0	9.0	10.9	14.3	13.6	12.0
\$10,000 - \$14,999	5.4	9.1	13.9	13.2	15.5	15.9
\$15,000 - \$19,999	6.2	5.3	2.0	10.5	16.0	11.8
\$20,000 - \$39,999	3.3	4.9	6.5	9.1	8.2	5.9
\$40,000 - \$49,999	-	-	7.1	10.0	9.3	8.7
\$50,000+	-	-	-	5.1	7.4	5.8

TABLE I-13 (Continued)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

Characteristics of Population	% Using STIMULANTS at Least Once During the Prior Year					
	1977 N=1772	1982 N=1036	1984 N=1049	1987 N=1075	1989 N=1096	1991 N=1041
Total Sample	1.7%	3.3%	2.5%	2.6%	2.9%	1.4%
Gender:						
Male	1.6	3.5	2.6	2.0	1.8	1.3
Female	1.8	3.1	2.6	3.1	3.9	1.4
Age:						
18 – 29 years	2.8	6.8	5.1	4.7	5.8	1.4
30 – 39 years	..	3.6	2.9	3.2	2.0	2.2
40 – 49 years	1.0	..	1.6	0.6	2.0	1.0
50 – 64 years	1.6	1.5	1.0	1.9	1.5	1.4
65+ years	..	..	..	0.7	2.7	..
Region:						
Metro Toronto	1.8	4.6	4.6	2.1	2.5	1.8
Metro Outskirts	2.9	3.9	..	0.6	1.7	1.4
Eastern Ontario	1.2	1.6	1.6	2.5	2.0	1.7
Western Ontario	1.6	3.2	1.0	4.5	3.1	..
Northern Ontario	..	1.3	4.1	2.3	7.5	..
Education²:						
Elementary	1.9	2.1	..	1.9	2.6	..
Secondary	1.6	3.7	2.8	2.5	3.4	..
Post-Secondary	1.8	3.1	2.7	2.9	2.5	1.8
Occupation:						
Professional/Managerial	n.a.	2.5	1.8	1.3	1.5	1.4
Sales/Clerical	n.a.	1.5	2.1	3.0	3.3	2.9
Labour	n.a.	4.9	4.6	2.6	3.4	..
Unemployed	n.a.	3.4	..	6.9	5.7	2.8
Housewife	n.a.	3.7	1.0	2.7	4.5	..
Students	n.a.	6.7	9.8	7.2	5.0	1.4
Other	n.a.	..	..	..	..	1.5
Gross Family Income³:						
<\$10,000	2.5	4.5	2.2	1.2	9.1	1.6
\$10,000 – \$14,999	1.6	4.6	3.1	3.4	4.7	..
\$15,000 – \$19,999	2.9	3.0	1.0	6.2	2.4	5.5
\$20,000 – \$39,999	1.1	3.5	3.5	2.4	2.8	1.6
\$40,000 – \$49,999	–	–	1.4	2.6	4.3	..
\$50,000+	–	–	–	1.9	2.1	1.7

TABLE I-13 (Continued)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

Characteristics of Population	% Using TRANQUILLIZERS Least Once During the Prior Year					
	1977 N=1756	1982 N=1033	1984 N=1043	1987 N=1069	1989 N=1096	1991 N=1038
Total Sample	12.1%	7.7%	9.3%	6.7%	6.5%	5.8%
Gender:						
Male	8.7	6.0	6.1	3.5	5.0	3.9
Female	15.9	9.4	12.3	9.6	7.9	7.6
Age:						
18 - 29 years	7.1	4.4	3.6	2.1	5.8	5.7
30 - 39 years	13.6	5.9	9.9	7.1	4.5	5.5
40 - 49 years	12.2	6.1	11.4	9.3	5.4	5.6
50 - 64 years	18.6	12.0	13.2	6.5	9.0	7.8
65+ years	12.1	13.4	13.1	13.3	9.7	4.2
Region:						
Metro Toronto	14.6	8.6	7.9	3.4	6.3	7.6
Metro Outskirts	7.4	5.7	7.6	7.3	4.1	4.3
Eastern Ontario	10.0	7.7	10.7	9.0	5.2	5.8
Western Ontario	13.2	6.8	11.3	9.3	7.8	3.7
Northern Ontario	12.7	10.7	9.2	5.8	9.7	6.2
Education²:						
Elementary	11.2	9.8	11.8	13.1	7.2	8.4
Secondary	12.3	6.9	10.5	7.0	7.3	5.9
Post-Secondary	12.3	8.2	6.6	4.8	5.7	5.1
Occupation:						
Professional/Managerial	n.a.	9.4	5.2	4.4	4.6	5.1
Sales/Clerical	n.a.	3.2	7.4	4.5	5.2	8.6
Labour	n.a.	4.2	8.7	3.7	5.9	2.7
Unemployed	n.a.	6.5	12.8	2.7	10.1	5.6
Housewife	n.a.	10.6	12.9	11.7	10.6	7.2
Students	n.a.	4.7	4.5	5.4	5.0	7.6
Other	n.a.	14.1	15.5	13.5	8.9	4.0
Gross Family Income³:						
<\$10,000	13.4	10.7	11.2	13.6	16.3	8.8
\$10,000 - \$14,999	14.2	17.1	14.2	13.4	9.5	7.1
\$15,000 - \$19,999	8.3	7.3	11.9	9.8	2.2	12.1
\$20,000 - \$39,999	12.1	5.4	7.9	5.6	6.0	5.4
\$40,000 - \$49,999	-	-	7.4	6.9	3.8	3.3
\$50,000+	-	-	-	3.0	5.7	5.9

TABLE 13 (Concluded)

PSYCHOACTIVE DRUG USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1987, 1989, and 1991

¹ Data based on Gallup household surveys with sample size of 1,774 in 1977, 1,040 in 1982, 1,051 in 1984, 1,084 in 1987, 1,101 in 1989 and 1,041 in 1991. "Users" are defined as anyone who used the drugs within the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars of the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1989).

TABLE I-14

**MARIJUANA USE¹ AMONG ADULTS AGED 18 YEARS AND OVER
ACCORDING TO SURVEYS CONDUCTED IN ONTARIO,
1977, 1982, 1984, 1987, 1989 AND 1991**

Characteristics of Population	% Using Marijuana at Least Once During Prior Year					
	1977 N=1760	1982 N=1026	1984 N=1043	1987 N=1075	1989 N=1098	1991 N=1095
Total Sample	8.1%	8.2%	11.2%	9.5%	10.5%	10.5%
Gender:						
Male	11.2	12.3	15.6	12.3	13.0	13.0
Female	4.5	4.1	7.1	6.8	8.2	8.2
Age:						
18 – 29 years	22.6	22.7	28.5	20.0	24.6	24.6
30 – 39 years	3.9	4.2	9.5	11.6	11.8	11.8
40 – 49 years	2.3	—	2.2	5.4	3.9	3.9
50 – 64 years	1.2	1.3	1.8	0.8	1.4	1.4
65+ years	—	0.7	—	—	0.5	0.5
Region:						
Metro Toronto	9.1	12.7	17.2	12.6	12.4	12.4
Metro Outskirts	7.0	5.2	11.6	6.7	8.4	8.4
Eastern Ontario	9.2	7.2	5.9	7.6	11.2	11.2
Western Ontario	6.8	5.2	5.3	10.6	7.0	7.0
Northern Ontario	8.8	8.0	15.0	3.8	15.9	15.9
Education²:						
Elementary	1.6	3.5	2.3	—	2.4	2.4
Secondary	9.1	7.9	9.7	10.7	10.5	10.5
Post-Secondary	9.8	10.9	16.0	10.6	12.6	12.6
Occupation:						
Professional/Managerial	n.a.	4.6	10.2	9.5	10.9	10.9
Sales/Clerical	n.a.	11.2	15.6	11.2	12.4	12.4
Labour	n.a.	11.2	15.3	14.7	14.5	14.5
Unemployed	n.a.	25.4	22.4	9.4	37.4	37.4
Housewife	n.a.	1.7	3.6	3.1	2.1	2.1
Students	n.a.	29.2	28.2	20.0	20.3	20.3
Other	n.a.	1.7	—	—	0.8	0.8
Gross Family Income³:						
<\$10,000	13.3	9.2	13.6	12.3	9.4	6.5
\$10,000–\$14,999	8.5	8.1	12.8	8.3	7.5	6.2
\$15,000–\$19,999	10.8	7.1	10.7	16.0	17.0	12.0
\$20,000–\$39,999	5.5	8.7	11.2	8.8	12.7	7.4
\$40,000–\$49,999	n.a.	n.a.	11.6	10.3	8.2	5.4
\$50,000+	n.a.	n.a.	n.a.	10.2	14.8	7.1

TABLE I-14 (Concluded)

MARIJUANA USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1977, 1982, 1984, 1987, 1989 AND 1991

¹ Data based on Gallup household surveys with sample sizes of 1,774 in 1977, 1,040 in 1982, 1,051 in 1984, 1,084 in 1987, 1,101 in 1989 and 1,041 in 1991. "Users" are defined as anyone who has used marijuana during the prior year. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars of the current year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-15

**COCAINE USE¹ AMONG ADULTS AGED 18 YEARS AND OVER
ACCORDING TO SURVEYS CONDUCTED IN ONTARIO,
1984, 1987, 1989 AND 1991**

Characteristics of Population	% Using Cocaine at Least Once in Past 12 Months			
	1984 N=1050	1987 N=1081	1989 N=1101	1991 N=1099
Total Sample	1.7%	1.8%	2.1%	1.8%
Gender:				
Male	2.9	2.5	2.4	2.8
Female	0.6	1.1	1.8	..
Age:				
18 - 29 years	4.1	4.7	6.1	5.5
30 - 39 years	2.5	1.8	1.1	..
40 - 49 years	..	..	1.1	..
50 - 64 years	..	..	..	..
65+ years	..	..	..	..
Region:				
Metro Toronto	3.4	3.0	2.2	2.2
Metro Outskirts	1.2	0.6	0.8	..
Eastern Ontario	..	2.5	2.8	2.3
Western Ontario	1.0	1.0	1.6	..
Northern Ontario	2.0	..	3.8	4.3
Education²:				
Elementary	..	..	..	1.5
Secondary	1.6	2.3	1.8	1.7
Post-Secondary	2.4	1.7	2.9	1.9
Occupation:				
Professional/Managerial	2.2	1.3	2.0	1.8
Sales/Clerical	1.5	2.8	2.6	2.9
Labour	3.4	3.1	2.2	1.6
Unemployed	2.7	..	12.0	..
Housewife	..	..	0.7	..
Students	3.3	4.4	5.0	4.8
Other	..	..	..	..
Gross Family Income³:				
<\$10,000	3.2	..	..	..
\$10,000 - \$14,999	1.9	..	1.4	2.2
\$15,000 - \$19,999	3.4	8.0	9.2	10.5
\$20,000 - \$39,999	1.7	1.6	2.7	1.2
\$40,000 - \$49,999	2.8	1.0	2.8	..
\$50,000+	..	2.9	0.8	2.1

TABLE I-15 (Concluded)

COCAINE USE¹ AMONG ADULTS AGED 18 YEARS AND OVER ACCORDING TO SURVEYS CONDUCTED IN ONTARIO, 1984, 1987, 1989 AND 1991

¹ Data based on Gallup household surveys with sample sizes of 1,051 in 1984, 1,084 in 1987, 1,101 in 1989, and 1,041 in 1991. "Users" are defined as anyone who used the drugs within the previous 12 months. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

² Refers to the last school the respondent attended or graduated.

³ Income levels are measured in dollars of the specified year.

Source: E.M. Adlaf, R.G. Smart and M.D. Canale, Drug Use Among Ontario Adults 1977-1991 (Toronto: Alcoholism and Drug Addiction Research Foundation, 1991).

TABLE I-16

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR ALCOHOL-INVOLVED DRIVERS BY NATURE OF INJURY, ONTARIO 1983 TO 1990¹

Class of Accident	Number of Drivers Involved in Accidents with Ability Impaired by Drink or Who Had Been Drinking							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	500	492	459	415	434	407	362	309
Non-Fatal	11,459	11,220	10,690	9,148	9,783	8,415	7,987	6,809
Property Damage Only	12,004	12,027	9,608	8,027	8,380	9,173	9,427	8,673
Total	23,963	23,739	20,757	17,590	18,597	17,995	17,776	15,791

Class of Accident	Rate Per 100,000 Licensed Drivers							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	9.3	8.9	8.1	7.1	7.3	6.7	5.8	4.8
Non-Fatal	213.0	203.5	188.9	157.2	163.6	137.5	127.0	105.6
Property Damage Only	223.1	218.1	169.7	138.0	140.2	149.9	149.9	134.5
Total	445.4	430.5	366.7	302.3	311.1	294.1	282.6	244.9

Class of Accident	Percentage of Drivers Involved in Accidents with Ability Impaired or Who Had Been Drinking Relative to Total Drivers ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	31.5	31.1	29.0	27.4	25.5	23.0	19.3	18.9
Non-Fatal	10.8	9.9	8.2	7.0	6.8	5.9	5.5	5.6
Property Damage Only	5.9	5.5	4.8	4.1	3.9	3.5	3.2	3.2
Total	7.7	7.1	6.3	5.4	5.2	4.4	4.0	4.0

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of alcohol-involved drivers relative to total drivers within that class irrespective of driver condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983, and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-17

MOTOR VEHICLE TRAFFIC ACCIDENTS¹ FOR ALCOHOL-INVOLVED DRIVERS BY AGE OF DRIVER², ONTARIO, 1983 TO 1990

Driver's Age	Number of Drivers ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Under 16	29	26	27	25	28	39	32	37
16	200	218	187	107	145	118	125	119
17	599	489	395	303	327	307	244	240
18	1,047	886	700	535	536	496	488	378
19	1,531	1,459	1,096	874	850	817	753	589
16 - 19	3,377	3,052	2,378	1,819	1,858	1,738	1,610	1,326
20 - 24	6,670	6,893	5,988	5,008	4,915	4,245	3,972	3,097
25 - 34	6,977	7,157	6,431	5,849	6,448	6,309	6,422	5,959
35 - 44	3,498	3,408	3,065	2,594	2,872	3,000	3,014	2,889
45 - 54	1,908	1,754	1,594	1,298	1,375	1,318	1,421	1,265
55 - 64	1,063	1,035	917	687	778	807	759	695
65 and over	398	380	333	293	296	327	309	293
Unkonown	43	34	24	17	27	212	237	230
Total	23,963	23,739	20,757	17,590	18,597	17,995	17,776	15,791

Driver's Age	Percentage Age-Distribution of Drivers ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Under 16	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
16	0.8	0.9	0.9	0.6	0.8	0.7	0.7	0.8
17	2.5	2.1	1.9	1.7	1.8	1.7	1.4	1.5
18	4.4	3.7	3.4	3.0	2.9	2.8	2.7	2.4
19	6.4	6.1	5.3	5.0	4.6	4.5	4.2	3.7
16 - 19	14.1	12.9	11.5	10.3	10.0	9.7	9.1	8.4
20 - 24	27.8	29.0	28.8	28.5	26.4	23.6	22.3	19.6
25 - 34	29.1	30.1	31.0	33.3	34.7	35.1	36.1	37.7
35 - 44	14.6	14.4	14.8	14.7	15.4	16.7	17.0	18.3
45 - 54	8.0	7.4	7.7	7.4	7.4	7.3	8.0	8.0
55 - 64	4.4	4.4	4.4	3.9	4.2	4.5	4.3	4.4
65 and over	1.7	1.6	1.6	1.7	1.6	1.8	1.7	1.9
Unkonown	0.2	0.1	0.1	0.1	0.1	1.2	1.3	1.5
Total(%) ³	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Driver's Age	Rate Per 1,000 Licensed Drivers ²							
	1983	1984	1985	1986	1987	1988	1989	1990
16	6.7	7.5	6.0	3.4	4.3	3.8	3.5	3.2
17	8.1	7.0	5.5	4.1	4.2	4.0	3.1	3.0
18	10.6	9.7	7.9	6.0	5.7	5.1	5.0	3.9
19	13.0	13.3	10.7	8.8	8.4	7.8	6.8	5.4
16 - 19	10.5	10.2	8.1	6.2	6.1	5.6	5.0	4.1
20 - 24	9.8	10.0	8.7	7.4	7.4	6.6	6.3	4.9
25 - 34	5.1	5.1	4.5	3.9	4.2	4.0	3.9	3.6
35 - 44	3.2	2.9	2.5	2.1	2.2	2.2	2.1	2.0
45 - 54	2.4	2.2	1.9	1.5	1.6	1.5	1.5	1.3
55 - 64	1.6	1.5	1.3	1.0	1.1	1.1	1.1	1.0
65 and over	0.8	0.8	0.6	0.5	0.5	0.5	0.5	0.4
Total ⁴	4.5	4.3	3.7	3.0	3.1	2.9	2.8	2.4

TABLE I-17

MOTOR VEHICLE TRAFFIC ACCIDENTS¹ FOR ALCOHOL-INVOLVED DRIVERS BY AGE OF DRIVER², ONTARIO, 1983 TO 1990

¹ Includes drivers with "ability impaired" by alcohol or who "had been drinking".

² Includes fatal, non-fatal and property damage accidents.

³ Due to rounding, the column totals will not always add up to 100%.

⁴ Includes alcohol-involved drivers under 16 years of ages and whose age is unknown.

Note The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred. (These statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, and 1988 -- 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-18

DISTRIBUTION OF BLOOD ALCOHOL CONCENTRATION (BAC) AMONG FATALLY INJURED DRIVERS, ONTARIO, 1979 TO 1989

Year	Number of:		Drivers Tested Grouped by BAC (mg%)		
	Drivers	Drivers Tested	Zero	1-80	>80
1979	426	384 90.1%	147 38.3%	39 10.2%	198 51.6%
1980	453	419 92.5	175 41.8	38 9.1	206 49.2
1981	460	432 93.9	180 41.7	44 10.2	208 48.1
1982	384	357 93.0	168 47.1	30 8.4	159 44.5
1983	398	370 93.0	187 50.5	31 8.4	152 41.1
1984	337	309 91.7	159 51.5	28 9.1	122 39.5
1985	363	338 93.1	164 48.5	37 10.9	137 40.5
1986	372	351 94.4	186 53.0	28 8.0	137 39.0
1987	420	363 86.4	203 55.9	27 7.4	133 36.6
1988	398	370 93.0	201 54.3	42 11.3	127 34.4
1989	449	407 90.6	251 61.7	35 8.6	121 29.7

¹ Includes only drivers that died within 6 hours of their accidents, as a result figures should not be compared to data in Table I-19.

Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of

² snowmobiles, other off-road vehicles, and bicycles.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1989 (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1991).

TABLE I-19

DISTRIBUTION OF BLOOD ALCOHOL CONCENTRATION (BAC) AMONG FATAL¹LY INJURED DRIVERS² BY AGE, ONTARIO, 1989

Age	Number of :		Drivers Tested Grouped by BAC (mg%)				
	Drivers	Drivers tested	Zero	1-49	50-80	81-150	>150
< 16	2	2 100.0%	1 50.0%				1 50.0%
16-17	30	22 73.3	15 68.2	2 9.1	3 13.6	1 4.5	1 4.5
18-19	51	42 82.4	28 66.7	3 7.1		4 9.5	7 16.7
20-25	176	145 82.4	63 43.4	12 8.3	6 4.1	21 14.5	43 29.7
26-35	188	166 88.3	83 50.0	9 5.4	4 2.4	15 9.0	55 33.1
36-45	103	92 89.3	51 55.4	6 6.5	1 1.1	4 4.3	30 32.6
46-55	57	45 78.9	32 71.1	2 4.4		2 4.4	9 20.0
> 55	139	105 75.5	88 83.8	3 2.9	2 1.9	4 3.8	8 7.6
Total	746	619 83.0	361 58.3	37 6.0	16 2.6	51 8.2	154 24.9

¹ Includes drivers dying within 12 months as a result of injuries sustained in a collision involving a motor vehicle. These results should not be compared with the results in Table I-18.

² Includes drivers of automobiles, non-articulated trucks/vans, motorcycles, tractor trailers and buses. Excluded are operators of snowmobiles, other off-road vehicles, and bicycles.

Source: Traffic Injury Research Foundation, D.R. Mayhew, H.M. Simpson and K.N. Wood, Alcohol Use by Persons Fatally Injured in Motor Vehicle Accidents: Canada, 1989 (Ottawa: Transport Canada, Road Safety and Motor Vehicle Regulation Directorate, March 1991).

TABLE I-20

NUMBER OF ALCOHOL-RELATED TRAFFIC OFFENCES AND PERSONS¹ CHARGED BY SEX, ONTARIO, 1983 TO 1990

Offence	Number of Alcohol-Related Traffic Offences						
	1984	1985	1986	1987	1988	1989	1990
Impaired Operation of:							
Motor Vehicle							
Causing Death	n.a.	n.a.	45	65	74	60	33
Causing Bodily Harm	n.a.	n.a.	607	598	548	566	477
Blood Alcohol Over 80mg%	n.a.	n.a.	37,598	35,511	35,440	35,943	33,242
Boat, Vessel or Aircraft							
Causing Death	n.a.	n.a.	—	1	1	1	1
Causing Bodily Harm	n.a.	n.a.	58	24	22	16	12
Blood Alcohol Over 80mg%	n.a.	n.a.	61	100	70	50	63
Total Impaired Operation	43,552	39,149	38,369	36,299	36,155	36,636	33,828
Fail or Refuse to Provide							
Breath Sample	2,892	2,451	2,719	2,660	2,892	2,957	2,879
Blood Sample	n.a.	n.a.	50	56	61	74	72
Total	46,444	41,600	41,138	39,015	39,108	39,667	36,779

Offence	Number of Males Charged with Alcohol-Related Traffic Offences						
	1984	1985	1986	1987	1988	1989	1990
Impaired Operation of:							
Motor Vehicle							
Causing Death	n.a.	n.a.	41	56	66	53	31
Causing Bodily Harm	n.a.	n.a.	517	523	455	448	379
Blood Alcohol Over 80mg%	n.a.	n.a.	32,659	31,689	31,104	31,603	29,047
Boat, Vessel or Aircraft							
Causing Death	n.a.	n.a.	—	1	1	—	1
Causing Bodily Harm	n.a.	n.a.	49	18	16	15	13
Blood Alcohol Over 80mg%	n.a.	n.a.	52	93	64	48	52
Total Impaired Operation	39,297	35,468	33,318	32,380	31,706	32,167	29,523
Fail or Refuse to Provide							
Breath Sample	2,370	1,972	2,366	2,277	2,353	2,317	2,213
Blood Sample	n.a.	n.a.	40	51	49	54	58
Total	41,667	37,440	35,724	34,708	34,108	34,538	31,794

TABLE I-20 (Concluded)

NUMBER OF ALCOHOL-RELATED TRAFFIC OFFENCES AND PERSONS¹ CHARGED BY SEX, ONTARIO, 1983 TO 1990

Offence	Number of Females Charged with Alcohol-Related Traffic Offences						
	1984	1985	1986	1987	1988	1989	1990
Impaired Operation of: Motor Vehicle							
Causing Death	n.a.	n.a.	4	5	5	4	2
Causing Bodily Harm	n.a.	n.a.	66	42	47	31	37
Blood Alcohol Over 80mg%	n.a.	n.a.	2,941	3,114	2,928	3,099	2,815
Boat, Vessel or Aircraft							
Causing Death	n.a.	n.a.	—	—	—	—	—
Causing Bodily Harm	n.a.	n.a.	4	2	2	—	—
Blood Alcohol Over 80mg%	n.a.	n.a.	9	3	2	1	4
Total Impaired Operation	3,066	2,824	3,024	3,166	2,984	3,135	2,858
Fail or Refuse to Provide							
Breath Sample	224	160	244	290	284	291	257
Blood Sample	n.a.	n.a.	2	1	5	5	4
Total	3,290	2,984	3,270	3,457	3,273	3,431	3,119

Offence	Number of Persons Charged with Alcohol-Related Traffic Offences						
	1984	1985	1986	1987	1988	1989	1990
Impaired Operation of: Motor Vehicle:							
Causing Death	n.a.	n.a.	45	61	71	57	33
Causing Bodily Harm	n.a.	n.a.	583	565	502	479	416
Blood Alcohol Over 80mg%	n.a.	n.a.	35,600	34,803	34,032	34,702	31,862
Boat, Vessel or Aircraft							
Causing Death	n.a.	n.a.	—	1	1	—	1
Causing Bodily Harm	n.a.	n.a.	53	20	18	15	13
Blood Alcohol Over 80mg%	n.a.	n.a.	61	96	66	49	56
Total Impaired Operation	42,363	38,292	36,342	35,546	34,690	35,302	32,381
Fail or Refuse to Provide							
Breath Sample	2,594	2,132	2,610	2,567	2,637	2,608	2,470
Blood Sample	n.a.	n.a.	42	52	54	59	62
Total	44,957	40,424	38,994	38,165	37,381	37,969	34,913

¹ Includes adults and juveniles.

Source: Traffic enforcement data were obtained from the Canada Centre for Justice Statistics, Statistics Canada.

TABLE I-21

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR ALCOHOL-INVOLVED PEDESTRIANS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

Severity of Injury	Number of Accidents Involving Pedestrians with Ability Impaired by Drink or Who Had Been Drinking							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	65	58	52	42	57	37	21	37
Non-Fatal	592	558	505	528	565	571	521	548
Total	657	616	557	570	622	608	542	585

Severity of Injury	Rate Per 100,000 Accidents							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	35.7	29.8	27.4	22.4	28.0	16.2	8.5	16.8
Non-Fatal	325.3	286.5	266.1	281.9	277.7	250.0	210.9	248.9
Total	361.0	316.3	293.5	304.3	305.8	266.2	219.4	265.7

Severity of Injury	Percentage of Accidents Involving Pedestrians with Ability Impaired by Drink or Who Had Been Drinking Relative to Total Accidents ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	31.9	30.7	28.6	27.5	30.5	19.9	13.0	24.0
Non-Fatal	10.5	9.7	8.3	9.1	9.5	9.0	8.4	9.4
Total	11.3	10.3	8.9	9.6	10.2	9.3	8.5	9.8

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of accidents for alcohol-involved pedestrians relative to total pedestrian-related accidents within that class irrespective of pedestrian condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 - 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-22

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR DRUG-INVOLVED DRIVERS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

Class of Accident	Number of Drivers Involved in Accidents with Ability Impaired by Drugs							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	2	—	—	—	—	3	1	2
Non-Fatal	90	56	65	52	36	84	77	77
Property Damage Only	119	78	62	41	64	86	93	91
Total	211	134	127	93	100	173	171	170

Class of Accident	Rate Per 100,000 Licensed Drivers							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	..	—	—	—	—	..	..	..
Non-Fatal	1.7	1.0	1.1	0.9	0.6	1.4	1.2	1.2
Property Damage Only	2.2	1.4	1.1	0.7	1.1	1.4	1.5	1.4
Total	3.9	2.4	2.2	1.6	1.7	2.8	2.7	2.6

Class of Accident	Percentage of Drivers Involved in Accidents with Ability Impaired by Drugs Relative to Total Drivers ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	0.13	—	—	—	—	0.17	0.05	0.12
Non-Fatal	0.09	0.05	0.05	0.04	0.02	0.06	0.05	0.06
Property Damage Only	0.06	0.04	0.03	0.02	0.03	0.03	0.03	0.03
Total	0.07	0.04	0.04	0.03	0.03	0.04	0.04	0.04

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of drug-involved drivers relative to total drivers within that class irrespective of driver condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 — 1989 and 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-23

MOTOR VEHICLE TRAFFIC ACCIDENTS FOR DRUG-INVOLVED PEDESTRIANS BY NATURE OF INJURY, ONTARIO, 1983 TO 1990¹

Severity of Injury	Number of Accidents Involving Pedestrians with Ability Impaired by Drugs							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	—	—	—	—	—	1	—	—
Non-Fatal	8	4	10	7	15	6	3	13
Total	8	4	10	7	15	7	3	13

Severity of Injury	Rate Per 100,000 Accidents							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	—	—	—	—	—	0.4	—	—
Non-Fatal	4.4	2.1	5.3	3.7	7.4	2.6	1.2	5.9
Total	4.4	2.1	5.3	3.7	7.4	3.1	1.2	5.9

Severity of Injury	Percentage of Accidents Involving Pedestrians with Ability Impaired by Drugs Relative to Total Accidents ²							
	1983	1984	1985	1986	1987	1988	1989	1990
Fatal	—	—	—	—	—	0.54	—	—
Non-Fatal	0.14	0.07	0.16	0.12	0.25	0.09	0.05	0.22
Total	0.14	0.07	0.16	0.12	0.24	0.11	0.05	0.22

¹ The above figures are based on compilations made by provincial authorities from police accident reports in which deaths, injuries and accidents are recorded according to the province in which they occurred (These Statistics will not necessarily agree with those found in Vital Statistics which reports deaths of Canadian residents by province of residence regardless of place of death).

² For each class of accident, percentages are based on the total number of accidents for drug-involved pedestrians relative to total pedestrian-related accidents within that class irrespective of pedestrian condition.

Sources: For 1983 and 1984, Ontario Ministry of Transportation and Communications, Ontario Motor Vehicle Accident Facts 1983 and 1984 (Toronto: Ministry of Transportation and Communications, undated); for 1985 to 1988, Ontario Ministry of Transportation and Communications, Ontario Road Safety Annual Report 1985, 1986, 1987, 1988 — 1989, 1990 (Toronto: Ministry of Transportation and Communications for 1985 and 1986; Ministry of Transportation subsequent years, undated).

TABLE I-24

**NUMBER OF LIQUOR ACT OFFENCES AND PERSONS CHARGED,
ONTARIO, 1983 TO 1990**

Liquor Act Offences and Persons Charged								
	1983	1984	1985	1986	1987	1988	1989	1990
Liquor Act Offences	143,862	137,483	120,449	137,399	129,255	123,650	117,652	106,851
Juvenile Offenders¹	n.a.	n.a.	n.a.	8,932	10,353	9,668	8,957	6,677
Adults Charged								
Males	125,726	119,605	101,610	111,196	105,188	101,714	95,117	83,410
Females	10,864	11,246	10,088	11,995	10,948	11,267	10,666	9,913
Total Adults	136,590	130,851	111,698	123,191	116,136	112,981	105,783	93,323

¹ Includes both "juveniles charged" and "juveniles not charged". Data for the years 1983 to 1985, although available, was not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

Note: Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Sources: Statistics Canada, Canadian Crime Statistics 1983, 1984, 1985, 1986, 1987, 1988, 1989, and 1990 (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1985, 1986, 1987, 1988, 1989, 1990, and 1991 respectively).

TABLE I-25

NUMBER OF DRUG-RELATED OFFENCES AND PERSONS CHARGED, ONTARIO, 1983 TO 1990

	Number of Drug-Related Offences							
	1983	1984	1985	1986	1987	1988	1989	1990
Narcotic Control Act								
Cannabis	14,317	15,092	14,309	14,092	15,673	14,990	15,691	14,500
Cocaine	1,170	1,411	1,825	2,384	3,280	4,992	7,516	5,920
Heroin	355	179	273	347	269	410	425	510
Other	769	1,425	2,344	1,555	2,527	1,631	2,713	1,920
Total	16,611	18,107	18,751	18,378	21,749	22,023	26,345	22,860
Food and Drugs Act								
Controlled Drugs	407	375	390	325	244	316	225	190
Restricted Drugs	839	584	662	619	861	590	673	470
Total	1,246	959	1,052	944	1,105	906	898	660
Total	17,857	19,066	19,803	19,322	22,854	22,929	27,243	23,530

Juvenile Offenders¹ Involved in Drug-Related Offences

	1983	1984	1985	1986	1987	1988	1989	1990
Narcotic Control Act								
Cannabis	n.a.	n.a.	n.a.	1,591	1,173	1,216	1,323	1,170
Cocaine	n.a.	n.a.	n.a.	32	35	65	128	110
Heroin	n.a.	n.a.	n.a.	4	2	8	2	0
Other	n.a.	n.a.	n.a.	114	30	26	153	20
Total	n.a.	n.a.	n.a.	1,741	1,240	1,315	1,606	1,310
Food and Drugs Act								
Controlled Drugs	n.a.	n.a.	n.a.	11	7	3	12	0
Restricted Drugs	n.a.	n.a.	n.a.	84	85	53	59	60
Total	n.a.	n.a.	n.a.	95	92	56	71	60
Total	n.a.	n.a.	n.a.	1,836	1,332	1,371	1,677	1,380

Number of Adult Males Charged

	1983	1984	1985	1986	1987	1988	1989	1990
Narcotic Control Act								
Cannabis	10,104	10,737	9,201	8,885	9,642	9,864	10,705	10,648
Cocaine	507	708	899	1,259	1,727	2,574	4,008	3,395
Heroin	141	77	102	150	133	166	215	246
Other	175	172	228	202	227	220	297	304
Total	10,927	11,694	10,430	10,496	11,729	12,824	15,225	14,593
Food and Drugs Act								
Controlled Drugs	150	140	136	139	101	84	79	57
Restricted Drugs	531	360	379	396	501	335	391	295
Total	681	500	515	535	602	419	470	352
Total	11,608	12,194	10,945	11,031	12,331	13,243	15,695	14,945

TABLE I-25 (Concluded)

**NUMBER OF DRUG-RELATED OFFENCES AND PERSONS CHARGED,
ONTARIO, 1983 TO 1990**

	Number of Adult Females Charged							
	1983	1984	1985	1986	1987	1988	1989	1990
Narcotic Control Act								
Cannabis	1,249	1,097	938	1,068	1,165	1,104	1,516	1,396
Cocaine	100	124	160	279	326	572	830	622
Heroin	45	17	27	32	29	37	48	67
Other	44	49	56	39	72	49	52	70
Total	1,438	1,287	1,181	1,418	1,592	1,762	2,446	2,155
Food and Drugs Act								
Controlled Drugs	38	37	31	34	27	14	17	12
Restricted Drugs	79	50	46	55	72	41	60	44
Total	117	87	77	89	99	55	77	56
Total	1,555	1,374	1,258	1,507	1,691	1,817	2,523	2,211

	Total Number of Adults Charged							
	1983	1984	1985	1986	1987	1988	1989	1990
Narcotic Control Act								
Cannabis	11,353	11,834	10,139	9,953	10,807	10,968	12,221	12,044
Cocaine	607	832	1,059	1,538	2,053	3,146	4,838	4,017
Heroin	186	94	129	182	162	203	263	313
Other	219	221	284	241	299	269	349	374
Total	12,365	12,981	11,611	11,914	13,321	14,586	17,671	16,748
Food and Drugs Act								
Controlled Drugs	188	177	167	173	128	98	96	69
Restricted Drugs	610	410	425	451	573	376	451	339
Total	798	587	592	624	701	474	547	408
Total	13,163	13,568	12,203	12,538	14,022	15,060	18,218	17,156

¹ Includes both "juveniles charged" and "juveniles not charged". Data for the years 1983 to 1985, although available, was not included because of changes in definitions (Young Offenders Act was introduced) that occurred during that period.

Note: Changes in the number of drug offences reported by the police may reflect changes in police enforcement practices rather than any real increase or decrease in drug usage among the population.

Sources: Statistics Canada, Canadian Crime Statistics 1983, 1984, 1985, 1986, 1987, 1988, 1989 and 1990 (Ottawa: Statistics Canada, Catalogue No.85-205, 1985, 1985, 1986, 1987, 1988, 1989, 1990, and 1991 respectively).

TABLE I-26

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY AGE AND SEX, ONTARIO, 1987 TO 1989

Age	Narcotic Control Act								
	Male			Female			Total		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
Under 15	1	2	2	—	—	—	1	2	2
15 - 19	42	84	99	16	22	25	58	106	124
20 - 24	376	457	633	52	81	82	428	538	715
25 - 29	509	561	688	189	165	98	698	726	786
30 - 39	690	659	703	134	198	83	824	857	786
40 - 49	91	120	142	92	56	38	183	176	180
50 - 59	29	22	8	—	—	13	29	22	21
60 and over	4	5	3	1	16	1	5	21	4
Unknown	8	50	35	20	33	5	28	83	40
Total	1,750	1,960	2,313	504	571	345	2,254	2,531	2,658

Age	Food and Drugs Act - Controlled Drugs								
	Male			Female			Total		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
Under 15	—	—	—	—	—	—	—	—	—
15 - 19	—	—	—	—	—	—	—	—	—
20 - 24	1	2	—	2	5	—	3	7	—
25 - 29	16	5	1	9	—	1	25	5	2
30 - 39	48	19	6	2	1	2	50	20	8
40 - 49	6	5	1	2	—	—	8	5	1
50 - 59	—	8	—	—	—	—	—	8	—
60 and over	—	—	—	—	8	—	—	8	—
Unknown	—	2	—	—	1	—	—	3	—
Total	71	41	8	15	15	3	86	56	11

Age	Food and Drugs Act - Restricted Drugs								
	Male			Female			Total		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
Under 15	2	1	1	1	—	—	3	1	1
15 - 19	119	92	76	13	11	5	132	103	81
20 - 24	189	134	97	14	19	9	203	153	106
25 - 29	100	83	66	11	3	7	111	86	73
30 - 39	46	40	40	4	5	3	50	45	43
40 - 49	8	5	7	—	2	—	8	7	7
50 - 59	2	—	—	—	—	—	2	—	—
60 and over	—	—	—	—	—	—	—	—	—
Unknown	4	6	5	—	—	—	4	6	5
Total	470	361	292	43	40	24	513	401	316

TABLE I-26 (Concluded)

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY AGE AND SEX, ONTARIO, 1987 TO 1989

Age	Total Federal Drug Acts								
	Male			Female			Total		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
Under 15	3	3	3	1	—	—	4	3	3
15 – 19	161	176	175	29	33	30	190	209	205
20 – 24	566	593	730	68	105	91	634	698	821
25 – 29	625	649	755	209	168	106	834	817	861
30 – 39	784	718	749	140	204	88	924	922	837
40 – 49	105	130	150	94	58	38	199	188	188
50 – 59	31	30	8	—	—	13	31	30	21
60 and over	4	5	3	1	24	1	5	29	4
Unknown	12	58	40	20	34	5	32	92	45
Total	2,291	2,362	2,613	562	626	372	2,853	2,988	2,985

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE I-27

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY TYPE OF DRUG, ONTARIO, 1983 TO 1989

Type of Drug	Narcotic Control Act						
	1983	1984	1985	1986	1987	1988	1989
Cocaine	384	600	786	876	1,167	1,759	2,271
Codeine	45	121	378	441	508	442	189
Heroin	61	81	111	62	60	97	108
Hydrocodone	86	50	117	74	50	37	-
Oxycodone	59	35	97	36	292	164	68
Pentazocine	-	3	3	8	83	8	5
Phencyclidine	52	33	26	11	6	3	6
Others	43	27	50	49	88	21	11
Total	730	950	1,568	1,557	2,254	2,531	2,658

Type of Drug	Food and Drugs Act - Controlled Drugs						
	1983	1984	1985	1986	1987	1988	1989
Amphetamines	7	5	1	2	2	4	1
Barbiturates	5	6	3	47	38	10	1
Methamphetamine	54	50	59	53	40	19	8
Methylphenidate	-	1	-	1	2	21	-
Others	4	1	-	3	4	2	1
Total	70	63	63	106	86	56	11

Type of Drug	Food and Drugs Act - Restricted Drugs						
	1983	1984	1985	1986	1987	1988	1989
L.S.D.	494	410	341	312	379	284	225
M.D.A.	14	9	14	3	1	1	-
Psilocybin	90	86	80	74	129	112	91
Other	5	-	-	-	4	4	-
Total	603	505	435	389	513	401	316

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE I-28

DRUG-RELATED CONVICTIONS UNDER THE FEDERAL DRUG ACTS BY SECTION, ONTARIO, 1983 TO 1989

Section	Narcotic Control Act						
	1983	1984	1985	1986	1987	1988	1989
Possession	328	462	571	649	796	1,103	1,477
Trafficking	149	208	287	226	305	595	640
Possession for the Purpose of Trafficking	76	92	127	126	176	206	269
Importing	9	3	4	6	15	8	15
Multiple Doctoring	168	185	579	550	962	619	257
Total	730	950	1,568	1,557	2,254	2,531	2,658

Section	Food and Drugs Act – Controlled Drugs						
	1983	1984	1985	1986	1987	1988	1989
Multiple Doctoring	36	41	37	35	26	24	7
Trafficking	34	22	26	25	24	12	4
Possession for the Purpose of Trafficking	—	—	—	46	36	20	—
Total	70	63	63	106	86	56	11

Section	Food and Drugs Act – Restricted Drugs						
	1983	1984	1985	1986	1987	1988	1989
Possession	343	261	247	217	284	239	188
Trafficking	141	125	77	74	112	94	66
Possession for the Purpose of Trafficking	119	119	111	98	117	68	62
Total	603	505	435	389	513	401	316

Note: Does not include convictions involving cannabis.

Sources: Health and Welfare Canada, Bureau of Dangerous Drugs, Health Protection Branch, Narcotic, Controlled and Restricted Drug Statistics 1987, 1988 and Tables Report, 1989 (Ottawa: Health and Welfare Canada, undated).

TABLE 1-29

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1, 2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1988-89

Characteristics of Population	Hospital - Based				Community - Based				Total Number
	Detox	Short-Term Residential	Non-Residential	Assessment /Referral	Short-Term Residential	Long-Term Residential	Non-Residential	Assessment /Referral	
Facilities Surveyed	24	18	25	7	25	55	35	28	217
Facilities Responding	24	18	24	7	25	53	32	28	211
Total Cases ^{3, 4}	14,609	13,307	6,634	1,745	6,946	9,021	6,198	8,675	67,135
Type of Problems:									
Alcohol	8,317	4,209	2,843	810	3,124	3,311	1,707	3,788	28,109
Drugs	1,411	2,171	866	166	413	741	579	1,204	7,551
Alcohol/drugs combined	4,553	4,532	1,737	398	2,889	4,511	2,750	2,635	24,005
Substance unspecified	-	-	-	-	-	95	-	-	95
Total	14,281	10,912	5,446	1,374	6,426	8,658	5,036	7,627	59,760
Sex: ⁵									
Male	12,486	7,457	4,092	961	4,802	6,127	3,551	5,577	45,053
Female	1,795	3,455	1,355	414	1,624	794	1,485	2,049	12,971
Total	14,281	10,912	5,447	1,375	6,426	6,921	5,036	7,626	58,024
Age: ⁵									
Under 16	11	64	144	38	3	113	374	123	870
16-17	152	159	130	83	151	283	521	495	1,974
18-24	1,755	1,385	879	282	1,177	1,200	1,912	1,693	10,283
25-34	3,997	4,043	1,926	445	2,619	2,364	1,182	2,534	19,110
35-54	6,080	3,265	1,775	426	1,892	2,381	685	2,308	18,812
55-64	1,738	837	437	74	449	431	149	340	4,455
65 and over	492	198	156	26	101	92	188	150	1,403
Total	14,225	9,951	5,447	1,374	6,392	6,864	5,011	7,643	56,907

TABLE 1-29 (Continued)

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1,2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1989-90

Characteristics of Population	Hospital --Based				Community --Based				Total Number
	Detox	Short--Term Residential	Non -- Residential	Assessment /Referral	Short--Term Residential	Long -- Term Residential	Non -- Residential	Assessment /Referral	
Ethnicity: ⁵									
English	10,590	8,135	4,517	1,240	4,524	6,885	4,382	6,883	47,156
French	781	313	301	48	1,229	905	230	402	4,209
Native	1,790	327	284	86	375	478	252	221	3,813
Other	1,120	295	246	--	297	389	176	121	2,644
Total	14,281	9,070	5,348	1,374	6,425	8,657	5,040	7,627	57,822
Employment Status:									
Employment full--time	2,526	5,574	3,083	621	2,578	3,567	1,782	3,922	23,653
Unemployed or disabled	6,752	3,893	1,716	429	3,047	4,032	1,615	2,282	23,766
Other ⁶	3,800	1,445	562	325	766	635	1,514	1,424	10,471
Total	13,078	10,912	5,361	1,375	6,391	8,234	4,911	7,628	57,890

¹ Alcohol and/or drug treatment resources included in the survey had to be operative as of March 31, 1989 and have as one of their major goals the management/treatment of addiction problems. In addition, they had to be viewed by other community services as specializing in the delivery of services to persons with addiction problems. A number of other resources involved in the treatment of addictions were excluded from this survey. These include the following: Alcoholics Anonymous, Al-Anon, Alateen and Women for Sobriety; services offered by groups such as physicians, psychiatrists, general hospitals and social workers; psychiatric hospitals, psychiatric units in general hospitals and community mental health clinics unless they provided a program specifically for alcohol or drug dependent individuals; specialized counselling services provided in some communities by private psychologists, social workers and other professionals on a fee-for-service basis unless these services were deemed to be an integral part of the local network of services; and native alcohol programs and corrections--based alcohol education services unless there was a significant treatment component to the program.

² Resources were classified as follows: Detox -- a facility providing a short stay allowing the safe withdrawal from alcohol and/or drug intoxication as defined by the province. This also includes the Pinewood Primary Care and Detox program; Residential -- any programs which had treatment beds for an overnight stay. Many of these programs also provide non-residential services (eg. outpatient, aftercare); Assessment/Referral -- programs intended primarily to assess cases and refer them to local treatment. A small number of these were affiliated with hospitals but were included with community-based services for ease of reporting. The extent to which a program was affiliated with a hospital for fiscal and/or administrative reasons determined its placement in the hospital-based or community-based category. The treatment or rehabilitation service provided while they reside in-house may be short term (less than 40 days) or long term (greater than 40 days) and may include emergency shelter/care.

TABLE 1-29 (Concluded)

TREATMENT SERVICES AND CASELOAD FOR ALCOHOL AND DRUG ABUSE BY TYPE OF RESOURCE^{1, 2} AND CHARACTERISTICS OF THE POPULATION, ONTARIO, 1989-90

³ Refers to the number of persons seen, excluding readmissions to the same program during the reporting period. Admissions by the same person to more than one program are counted, however, making the actual number of persons treated less than reported above.

⁴ Includes 6,393 family members of individuals with substance abuse problems and 982 cases with non - substance abuse problems.

⁵ Excludes data for 1,736 cases for whom sex information was not available, 2,853 cases for whom age was unknown, 1,938 cases for whom ethnicity was not available and 1,870 cases for whom data on unemployment status was not available.

⁶ Includes students, homemakers and retired individuals.

Note: The data are based on a province-wide survey conducted by staff of the Community Programs Department of the Addiction Research Foundation. Personal interviews and questionnaires mailed to remote northern regions were used to gather the information. In addition to the above programs, there were 2 programs that dealt almost exclusively with the treatment of family members of persons with substance abuse problems. These 2 programs handled an additional 2,359 cases.

Source: Rush, B. and Tyas, S., Alcohol and Other Drug Services in Ontario: Results of a Provincial Survey, 1989 (Toronto: Addiction Research Foundation, 1990).

STATISTICS ON DETOX CENTRES, ONTARIO, 1988

Community	Admissions ¹		First ² Admissions	Number of Re-entries	Number Referred by					Total
	Male	Female			Police	Hospital	Self	Friend, AA	Other ³	
Barrie	536	138	422	252	57	65	278	154	120	674
Cornwall	992	111	389	714	107	72	634	126	164	1,103
Hamilton Detox Centre	1,656	-	299	1,357	305	99	1,039	77	136	1,656
Hamilton - Women's Detox	-	392	172	220	20	30	183	76	83	392
Kenora	2,692	851	440	3,103	47	251	2,648	197	400	3,543
Kingston	1,010	149	325	834	76	91	674	129	189	1,159
Kitchener - Waterloo	2,014	98	392	1,720	269	185	1,366	222	70	2,112
London	3,381	252	699	2,934	1,072	135	1,636	558	232	3,633
Ottawa	3,677	444	1,009	3,112	417	211	2,456	444	593	4,121
Owen Sound	487	56	210	333	76	51	218	111	87	543
Sault Ste. Marie	1,284	159	224	1,219	87	77	1,031	191	57	1,443
Simcoe ⁴	63	11	61	13	1	3	33	16	21	74
St. Catharines	1,301	-	314	987	74	102	789	209	127	1,301
St. Catharines - Women's Detox	-	461	131	330	12	38	263	119	29	461
Sudbury	2,000	-	297	1,703	222	48	1,492	124	114	2,000
Thunder Bay	1,103	163	212	1,054	125	277	656	84	124	1,266
Toronto - ARF Detox	1,774	613	642	1,745	437	335	1,119	121	375	2,387
Toronto - East General Detox	2,308	-	532	1,776	379	132	1,286	155	356	2,308
Toronto - St. Joseph's Detox	2,202	224	613	1,813	358	503	1,139	245	181	2,426
Toronto - St. Michael's Detox	2,282	-	452	1,830	386	139	1,418	46	293	2,282
Toronto - West Central	1,772	-	341	1,431	540	497	633	26	76	1,772
Windsor - Western Detox	2,022	-	312	1,710	337	117	1,123	149	296	2,022
Windsor - Women's Detox	-	248	109	139	25	17	111	37	58	248
Totals	34,556	4,370	8,597	30,329	5,429	3,475	22,225	3,616	4,181	38,926

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

⁴ These figures correspond to less than a full year of operation, the centre having opened in September 1988.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

TABLE I-31

STATISTICS ON DETOX CENTRES, ONTARIO, 1989

Community	Admissions ¹		First ² Admissions	Number of Re-entries	Number Referred by				Total
	Male	Female			Police	Hospital	Self Friend, AA	Other ³	
Barrie	585	225	490	320	51	65	337	147	810
Cornwall	872	90	343	619	59	70	657	42	962
Hamilton Detox Centre	1,826	-	335	1,491	454	83	1,099	53	1,826
Hamilton - Women's Detox	-	508	159	349	30	28	318	48	508
Kenora	2,659	880	333	3,206	48	275	2,510	180	3,539
Kingston	1,040	176	388	828	92	101	678	177	1,216
Kitchener - Waterloo	1,938	116	412	1,642	302	189	1,234	196	2,054
London	3,505	313	730	3,088	1,396	105	1,481	597	3,818
Ottawa	3,458	468	1,112	2,814	386	185	2,307	470	3,926
Owen Sound	423	64	202	285	39	41	220	86	487
Sault Ste. Marie	1,816	140	236	1,720	91	89	1,471	245	1,956
Simcoe	383	77	305	155	37	19	275	96	460
Smooth Rock Falls ⁴	21	4	20	5	-	8	3	2	25
St. Catharines	1,150	-	306	844	94	92	647	123	1,150
St. Catharines - Women's Detox	-	358	148	210	6	22	159	122	358
Sudbury	2,162	-	304	1,858	174	99	1,663	98	2,162
Thunder Bay	1,090	140	270	960	191	257	452	66	1,230
Toronto - ARF Detox	1,600	528	699	1,429	452	316	879	115	2,128
Toronto - East General Detox	2,214	-	496	1,718	332	128	1,291	138	2,214
Toronto - St. Joseph's Detox	1,864	213	629	1,448	312	400	1,077	187	2,077
Toronto - St. Michael's Detox	2,218	-	489	1,729	320	180	1,382	80	2,218
Toronto - West Central	3,042	-	587	2,455	809	452	1,535	76	3,042
Windsor - Western Detox	1,893	-	283	1,610	305	120	1,091	153	1,893
Windsor - Women's Detox	-	278	100	178	24	24	132	34	278
Totals	35,759	4,578	9,376	30,961	6,004	3,348	22,898	3,531	40,337

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

⁴ These figures correspond to less than a full year of operation, the centre having opened in November, 1989.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

STATISTICS ON DETOX CENTRES, ONTARIO, 1990

Community	Admissions ¹		First ² Admissions	Number of Re-entries	Number Referred by				Total
	Male	Female			Police	Hospital	Self Friend, AA	Other ³	
Barrie	710	177	486	401	51	82	399	135	887
Cornwall	682	97	292	487	48	76	469	22	779
Hamilton Detox Centre	2,280	-	318	1,962	515	86	1,486	79	2,280
Hamilton -- Women's Detox	-	432	115	317	19	24	265	62	432
Kenora	2,853	958	224	3,587	53	263	2,841	146	3,811
Kingston	974	179	371	782	110	89	658	162	1,153
Kitchener-Waterloo	2,388	124	366	2,146	399	163	1,662	190	2,512
London	3,238	319	852	2,705	1,165	151	1,372	588	3,557
Ottawa	3,319	478	919	2,878	368	230	2,190	349	3,797
Owen Sound	471	57	198	330	52	57	259	63	528
Sault Ste. Marie	1,746	208	376	1,578	115	92	1,430	252	1,954
Simcoe	534	93	374	253	57	21	379	106	627
Smooth Rock Falls	160	38	118	80	10	23	69	15	198
St. Catharines	1,406	-	374	1,032	95	151	745	224	1,406
St. Catharines -- Women's Detox	-	309	126	183	12	21	107	94	309
Sudbury	1,994	-	274	1,720	192	126	1,389	153	1,994
Thunder Bay	1,165	230	402	993	329	385	308	96	1,395
Toronto -- ARF Detox	1,606	528	689	1,445	563	336	819	85	2,134
Toronto -- East General Detox	2,549	-	505	2,044	381	152	1,524	132	2,549
Toronto -- St. Joseph's Detox	1,794	154	593	1,355	277	278	1,133	135	1,948
Toronto -- St. Michael's Detox	2,213	-	486	1,727	354	126	1,420	75	2,213
Toronto -- West Central	3,559	-	591	2,968	880	543	1,797	97	3,559
Windsor -- Western Detox	1,713	-	277	1,436	197	87	988	175	1,713
Windsor -- Women's Detox	-	410	117	293	12	33	212	66	410
TOTALS	37,354	4,791	9,443	32,702	6,254	3,595	23,921	3,501	42,145

¹ Figures refer to the number of admissions during the year and not to the actual number of "persons" involved, as an individual is counted on each separate occasion that they enter a detox centre.

² Statistics are collected from each detox centre. A "first admission" refers to the first admission of an individual to that specific detox centre.

³ Includes referrals by physicians, assessment/referral services, rehabilitation programs and other agencies.

Source: Data are derived from monthly detox reports made available through the courtesy of Community Programs Department, Addiction Research Foundation.

TABLE I-33

ALCOHOL-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Age	Alcoholic Psychoses					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	-	-	-	1	-	1
15-19	1	1	2	-	-	-
20-24	15	4	19	5	2	7
25-34	133	40	173	47	11	58
35-44	291	79	370	89	25	114
45-54	257	70	327	125	31	156
55-64	265	70	335	193	32	225
65+	206	66	272	276	94	370
Unknown	-	-	-	-	-	-
Total	1,168	330	1,498	736	195	931

Age	Alcohol Dependence Syndrome					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	6	4	10	1	7	8
15-19	70	33	103	50	35	85
20-24	164	60	224	201	83	284
25-34	714	233	947	820	347	1,167
35-44	907	317	1,224	1,156	402	1,558
45-54	730	261	991	1,272	414	1,686
55-64	637	200	837	1,596	420	2,016
65+	471	187	658	1,815	566	2,381
Unknown	2	-	2	2	-	2
Total	3,701	1,295	4,996	6,913	2,274	9,187

Age	Nondependent Abuse of Alcohol					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	60	64	124	5	10	15
15-19	156	98	254	97	60	157
20-24	73	21	94	168	54	222
25-34	131	70	201	338	111	449
35-44	123	53	176	224	95	319
45-54	67	46	113	132	54	186
55-64	52	32	84	163	62	225
65+	40	34	74	155	64	219
Unknown	-	-	-	3	-	3
Total	702	418	1,120	1,285	510	1,795

TABLE I-33 (Concluded)

ALCOHOL-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Age	Chronic Liver Disease and Cirrhosis					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	15	21	36	38	17	55
15-19	9	15	24	11	21	32
20-24	14	8	22	14	18	32
25-34	122	45	167	89	70	159
35-44	396	138	534	290	138	428
45-54	393	257	650	448	246	694
55-64	628	304	932	869	434	1,303
65+	608	419	1,027	1,134	760	1,894
Unknown	1	-	1	-	-	-
Total	2,186	1,207	3,393	2,893	1,704	4,597

Age	Toxic Effects of Alcohol					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	32	33	65	1	4	5
15-19	23	21	44	6	6	12
20-24	26	11	37	18	6	24
25-34	23	29	52	20	23	43
35-44	28	24	52	16	18	34
45-54	20	16	36	7	10	17
55-64	12	4	16	9	2	11
65+	8	4	12	4	8	12
Unknown	-	-	-	-	-	-
Total	172	142	314	81	77	158

Age	Total					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	113	122	235	46	38	84
15-19	259	168	427	164	122	286
20-24	292	104	396	406	163	569
25-34	1,123	417	1,540	1,314	562	1,876
35-44	1,745	611	2,356	1,775	678	2,453
45-54	1,467	650	2,117	1,984	755	2,739
55-64	1,594	610	2,204	2,830	950	3,780
65+	1,333	710	2,043	3,384	1,492	4,876
Unknown	3	-	3	5	-	5
Total	7,929	3,392	11,321	11,908	4,760	16,668

¹ For medical conditions included under each diagnostic category see Technical Notes.

Source: Hospital Medical Records Institute, special data tape.

TABLE I-34

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Age	Drug Psychoses					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	1	1	2	2	2	4
15-19	19	11	30	6	3	9
20-24	35	10	45	26	4	30
25-34	89	50	139	26	21	47
35-44	29	28	57	9	22	31
45-54	8	15	23	5	22	27
55-64	12	12	24	15	19	34
65+	20	38	58	29	61	90
Unknown	-	-	-	-	-	-
Total	213	165	378	118	154	272

Age	Drug Dependence					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	4	2	6	3	6	9
15-19	68	31	99	20	35	55
20-24	128	82	210	82	54	136
25-34	514	208	722	218	195	413
35-44	159	300	459	99	99	198
45-54	34	46	80	28	61	89
55-64	15	27	42	34	55	89
65+	17	5	22	56	99	155
Unknown	1	-	1	-	-	-
Total	940	701	1,641	540	604	1,144

Age	Nondependent Abuse of Drugs (Excluding Alcohol)					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	5	9	14	3	12	15
15-19	55	19	74	58	49	107
20-24	47	31	78	131	80	211
25-34	149	64	213	318	228	546
35-44	85	29	114	150	113	263
45-54	34	18	52	125	76	201
55-64	16	12	28	133	89	222
65+	9	12	21	108	145	253
Unknown	-	-	-	1	-	1
Total	400	194	594	1,027	792	1,819

TABLE I-34 (Continued)

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Age	Poisoning by Analgesics, Antipyretics or Antirheumatics					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	98	232	330	15	47	62
15-19	215	579	794	74	202	276
20-24	142	240	382	64	85	149
25-34	168	272	440	70	123	193
35-44	116	173	289	56	112	168
45-54	44	98	142	25	70	95
55-64	49	40	89	32	44	76
65+	50	81	131	97	138	235
Unknown	1	-	1	-	-	-
Total	883	1,715	2,598	433	821	1,254

Age	Poisoning by Sedatives and Hypnotics					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	19	23	42	9	5	14
15-19	16	31	47	9	10	19
20-24	27	39	66	15	28	43
25-34	65	91	156	25	44	69
35-44	50	65	115	21	34	55
45-54	15	48	63	19	22	41
55-64	14	34	48	8	25	33
65+	21	53	74	23	46	69
Unknown	-	-	-	1	-	1
Total	227	384	611	130	214	344

Age	Poisoning by Psychotropic Agents					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	63	79	142	5	22	27
15-19	81	124	205	41	62	103
20-24	115	124	239	57	88	145
25-34	317	416	733	141	225	366
35-44	164	347	511	92	194	286
45-54	68	157	225	51	107	158
55-64	35	81	116	34	66	100
65+	58	107	165	75	127	202
Unknown	-	1	1	1	-	1
Total	901	1,436	2,337	497	891	1,388

TABLE I-34 (Concluded)

DRUG-RELATED HOSPITAL SEPARATIONS¹ BY AGE AND SEX, ONTARIO, 1989-90

Age	Total					
	Primary Diagnosis			Secondary Diagnosis		
	Male	Female	Total	Male	Female	Total
0-14	190	346	536	37	94	131
15-19	454	795	1,249	208	361	569
20-24	494	526	1,020	375	339	714
25-34	1,302	1,101	2,403	798	836	1,634
35-44	603	942	1,545	427	574	1,001
45-54	203	382	585	253	358	611
55-64	141	206	347	256	298	554
65+	175	296	471	388	616	1,004
Unknown	2	1	3	3	-	3
Total	3,564	4,595	8,159	2,745	3,476	6,221

¹ For medical conditions included under each diagnostic category see Technical Notes.

Source: Hospital Medical Records Institute, special data tape.

TABLE I-35

NUMBER OF DEATHS FROM DIRECT ALCOHOL-RELATED PROBLEMS BY SEX, ONTARIO, 1986 TO 1989

	Males			
	1986	1987	1988	1989
MENTAL HEALTH				
Alcoholic Psychoses	16	16	14	16
Alcohol Dependence Syndrome	129	139	140	135
Nondependent Abuse of Alcohol	33	20	23	34
DISEASES OF THE CIRCULATORY SYSTEM				
Alcoholic Cardiomyopathy	29	25	24	22
DISEASES OF THE DIGESTIVE SYSTEM				
Alcoholic Gastritis	8	4	3	1
Alcohol-Related Chronic Liver Disease and Cirrhosis	326	304	300	343
Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	14	10	15	13
Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	254	238	262	294
INJURY AND POISONING				
Toxic Effects of Alcohol (N) ¹	24	31	26	30
Accidental Poisoning by Alcohol (E) ¹	20	27	20	25
TOTAL²	833	787	807	888

	Females			
	1986	1987	1988	1989
MENTAL HEALTH				
Alcoholic Psychoses	2	5	4	4
Alcohol Dependence Syndrome	35	37	35	50
Nondependent Abuse of Alcohol	14	9	7	10
DISEASES OF THE CIRCULATORY SYSTEM				
Alcoholic Cardiomyopathy	5	3	—	2
DISEASES OF THE DIGESTIVE SYSTEM				
Alcoholic Gastritis	—	—	2	3
Alcohol-Related Chronic Liver Disease and Cirrhosis	99	115	106	116
Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	32	27	34	38
Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	154	151	133	138
INJURY AND POISONING				
Toxic Effects of Alcohol (N) ¹	9	15	9	8
Accidental Poisoning by Alcohol (E) ¹	6	14	8	6
TOTAL²	350	362	330	369

TABLE I-35 (Concluded)

NUMBER OF DEATHS FROM DIRECT ALCOHOL-RELATED PROBLEMS BY SEX, ONTARIO, 1986 TO 1989

	Total			
	1986	1987	1988	1989
MENTAL HEALTH				
Alcoholic Psychoses	18	21	18	20
Alcohol Dependence Syndrome	164	176	175	185
Nondependent Abuse of Alcohol	47	29	30	44
DISEASES OF THE CIRCULATORY SYSTEM				
Alcoholic Cardiomyopathy	34	28	24	24
DISEASES OF THE DIGESTIVE SYSTEM				
Alcoholic Gastritis	8	4	5	4
Alcohol-Related Chronic Liver Disease and Cirrhosis	425	419	406	459
Specified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	46	37	49	51
Unspecified Chronic Liver Disease and Cirrhosis Without Mention of Alcohol	408	389	395	432
INJURY AND POISONING				
Toxic Effects of Alcohol (N) ¹	33	46	35	38
Accidental Poisoning by Alcohol (E) ¹	26	41	28	31
GRAND TOTAL²	1,183	1,149	1,137	1,257

¹ Number of deaths due to alcohol-related injury or poisoning are shown using two different classification system. Under the "N" system, deaths are classified according to Nature of Injury, whereas under the "E" system, they are classified by External Cause. "N" and "E" numbers essentially refer to the same event and consequently are not additive ("N" and "E" numbers will differ due to the coding practices employed in each classification systems).

² Excludes E-codes to prevent double counting.

Sources: Statistics Canada, Causes of Death -- Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 -- Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 -- Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No.1 -- Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991).

TABLE I-36

ESTIMATED NUMBER¹ OF DEATHS INDIRECTLY² DUE TO ALCOHOL, ONTARIO, 1986 TO 1989

TYPE OF DISEASES	1985	1986	1987	1988	1989
Neoplasms	1,740	1,755	1,820	1,905	1,930
Diseases of the Circulatory System	1,510	1,510	1,470	1,505	1,480
Diseases of the Respiratory System	720	795	770	865	855
Motor Vehicle Accidents	615	535	590	595	630
Accidental Falls	300	335	320	360	340
Accidents Caused by Fire and Flames	50	40	40	30	45
Accidental Drowning and Submersion	35	30	40	40	30
Suicide and Self-inflicted Injury	310	340	320	315	345
Homicide	105	75	110	100	90
Total	5,385	5,415	5,480	5,715	5,745

¹ Figures have been rounded to the nearest multiple of 5.

² The number of deaths indirectly due to alcohol have been estimated on the basis of data provided by the Working Group on Alcohol Statistics in *Alcohol in Canada: A National Perspective* (Ottawa: National Health and Welfare, 1984). These estimates by cause of death are as follows: Neoplasms - 10%; diseases of the circulatory system - 5%; diseases of the respiratory system - 15%; motor vehicle accidents - 45%; accidental falls - 40%; accidents caused by fire and flames - 30%; accidental drowning and submersion - 30%; suicide and self-inflicted injury - 30%; and homicide - 60%.

Sources: Statistics Canada, *Causes of Death - Vital Statistics Volume IV, 1985 and 1986* (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986 and 1988); Statistics Canada, *Health Reports Supplement, Volume 1, No. 1, 1989 - Causes of Death, 1987* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, *Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, *Health Reports Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989* (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991); Health and Welfare Canada, *Alcohol in Canada: A National Perspective* (Ottawa: National Health and Welfare, 1984).

TABLE I-37

DRUG-RELATED DEATHS¹, ACCORDING TO NATURE OF CONDITION² BY SEX, ONTARIO, 1986 TO 1989

	Males			
	1986	1987	1988	1989
MENTAL DISORDERS				
Drug Psychoses	—	—	—	1
Drug Dependence Syndrome	1	2	1	1
Nondependent Abuse of Drugs ³	3	3	5	1
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	11	15	13	17
Salicylates	10	5	8	5
Other	5	6	6	10
Sedatives and Hypnotics				
Barbiturates	9	10	7	6
Chloral Hydrate Group	1	—	2	4
Methaqualone Compounds	—	—	1	—
Other	2	2	5	1
Psychotropic Agents				
Antidepressants	20	22	23	23
Phenothiazine Tranquillizers	—	2	—	—
Benzodiazepine Tranquillizers	2	4	4	6
Other Tranquillizers	—	3	—	—
Other	4	2	4	4
TOTAL MALES	68	76	79	79

	Females			
	1986	1987	1988	1989
MENTAL DISORDERS				
Drug Psychoses	—	—	—	—
Drug Dependence Syndrome	1	—	—	—
Nondependent Abuse of Drugs ³	1	2	4	2
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	4	4	4	3
Salicylates	11	11	7	10
Other	12	10	16	7
Sedatives and Hypnotics				
Barbiturates	10	12	4	9
Chloral Hydrate Group	1	1	1	—
Methaqualone Compounds	—	—	—	—
Other	2	2	3	7
Psychotropic Agents				
Antidepressants	22	20	24	36
Phenothiazine Tranquillizers	—	1	1	3
Benzodiazepine Tranquillizers	3	1	3	2
Other Tranquillizers	3	3	—	—
Other	2	4	1	1
TOTAL FEMALES	72	71	68	80

TABLE I-37 (Concluded)

DRUG-RELATED DEATHS¹, ACCORDING TO NATURE OF CONDITION² BY SEX, ONTARIO, 1986 TO 1989

	Total			
	1986	1987	1988	1989
MENTAL DISORDERS				
Drug Psychoses	—	—	—	1
Drug Dependence Syndrome	2	2	1	1
Nondependent Abuse of Drugs ³	4	5	9	3
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	15	19	17	20
Salicylates	21	16	15	15
Other	17	16	22	17
Sedatives and Hypnotics				
Barbiturates	19	22	11	15
Chloral Hydrate Group	2	1	3	4
Methaqualone Compounds	—	—	1	—
Other	4	4	8	8
Psychotropic Agents				
Antidepressants	42	42	47	59
Phenothiazine Tranquillizers	—	3	1	3
Benzodiazepine Tranquillizers	5	5	7	8
Other Tranquillizers	3	6	—	—
Other	6	6	5	5
GRAND TOTAL	140	147	147	159

¹ For medical conditions included under each diagnostic category see Technical Notes.

² The data presented above are not additive with those in Table I-38 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table I-37 deaths are classified according to nature of injury, whereas in Table I-38, external cause is employed.

³ Excluding alcohol.

Sources: Statistics Canada, Causes of Death - Vital Statistics Volume IV, 1985 and 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1986 and 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 - Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 - Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1990); Statistics Canada, Health Reports Supplement No. 11, 1991, Volume 3, No. 1 - Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1991).

TABLE I-38

DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE² BY SEX, ONTARIO, 1986 TO 1989

	Males			
	1986	1987	1988	1989
ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS:				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	5	13	9	14
Salicylates	1	—	3	1
Other	3	1	4	2
Sedatives and Hypnotics				
Barbiturates	2	4	1	2
Chloral Hydrate Group	—	—	—	1
Methaqualone Compounds	—	—	1	—
Sedatives and Hypnotics — Other	—	1	3	—
Psychotropic Agents				
Antidepressants	1	3	—	4
Phenothiazine Tranquillizers	—	2	—	—
Benzodiazepine Tranquillizers	1	2	1	2
Other Tranquillizers and Psychotropic Agents	1	1	1	—
SUICIDE AND SELF-INFLICTED INJURY POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	15	12	10	13
Sedatives and Hypnotics — Barbiturates	7	4	5	5
Sedatives and Hypnotics — Other	3	1	3	2
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	22	22	26	23
INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	2	—	1	2
Sedatives and Hypnotics — Barbiturates	—	2	1	—
Sedatives and Hypnotics — Other	—	—	1	2
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	—	3	2	3
TOTAL MALES	63	71	72	76

TABLE I-38 (Continued)

**DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE²
BY SEX, ONTARIO, 1986 TO 1989**

	Females			
	1986	1987	1988	1989
ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS:				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	4	1	1	—
Salicylates	2	3	2	4
Other	4	4	5	—
Sedatives and Hypnotics				
Barbiturates	2	—	—	1
Chloral Hydrate Group	—	—	—	—
Methaqualone Compounds	—	—	—	—
Sedatives and Hypnotics — Other	—	—	—	1
Psychotropic Agents				
Antidepressants	1	1	4	5
Phenothiazine Tranquillizers	—	—	—	2
Benzodiazepine Tranquillizers	1	—	1	1
Other Tranquillizers and Psychotropic Agents	1	1	—	—
SUICIDE AND SELF-INFLICTED INJURY POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	14	14	16	14
Sedatives and Hypnotics — Barbiturates	7	10	4	6
Sedatives and Hypnotics — Other	3	3	4	3
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	25	24	23	33
INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	3	3	2	2
Sedatives and Hypnotics — Barbiturates	1	2	—	2
Sedatives and Hypnotics — Other	—	—	1	3
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	1	2	1	1
TOTAL FEMALES	69	68	64	78

TABLE I-38 (Concluded)

DRUG-RELATED DEATHS¹, ACCORDING TO EXTERNAL CAUSE² BY SEX, ONTARIO, 1986 TO 1989

	Total			
	1986	1987	1988	1989
ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS:				
Analgesics, Antipyretics and Antirheumatics				
Opiates and Related Narcotics	9	14	10	14
Salicylates	3	3	5	5
Other	7	5	9	2
Sedatives and Hypnotics				
Barbiturates	4	4	1	3
Chloral Hydrate Group	—	—	—	1
Methaqualone Compounds	—	—	1	—
Sedatives and Hypnotics — Other	—	1	3	1
Psychotropic Agents				
Antidepressants	2	4	4	9
Phenothiazine Tranquillizers	—	2	—	2
Benzodiazepine Tranquillizers	2	2	2	3
Other Tranquillizers and Psychotropic Agents	2	2	1	—
SUICIDE AND SELF-INFLICTED INJURY POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	29	26	26	27
Sedatives and Hypnotics — Barbiturates	14	14	9	11
Sedatives and Hypnotics — Other	6	4	7	5
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	47	46	49	56
INJURY UNDETERMINED, ACCIDENTALLY OR PURPOSELY INFLICTED POISONING BY:				
Analgesics, Antipyretics and Antirheumatics	5	3	3	4
Sedatives and Hypnotics — Barbiturates	1	4	1	2
Sedatives and Hypnotics — Other	—	—	2	5
Psychotropic Agents — Tranquillizers and Other Psychotropic Agents	1	5	3	4
GRAND TOTAL	132	139	136	154

¹ For medical conditions included under each diagnostic category see the Technical Notes.

² The data presented above are not additive with those in Table I-37 as there is some overlap in deaths reported, due to the different method used in each case, for classifying the data within categories. Although in both cases "underlying cause of death" is the main criterion for assignment to a category, in Table I-37 deaths are classified according to nature of injury, whereas in Table I-38, external cause is employed.

Sources: Statistics Canada, Causes of Death — Vital Statistics Volume IV 1986 (Ottawa: Statistics Canada, Catalogue No. 84-203, 1988); Statistics Canada, Health Reports Supplement, Volume 1, No. 1, 1989 — Causes of Death, 1987 (Ottawa: Statistics Canada, Catalogue No. 82-003S, 1989); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 2, No. 1 — Causes of Death, 1988 (Ottawa: Statistics Canada, Catalogue 82-003S, 1990); Statistics Canada, Health Reports, Supplement No. 11, 1990, Volume 3, No. 1 — Causes of Death, 1989 (Ottawa: Statistics Canada, Catalogue 82-003S, 1991).

Part II

COUNTY DATA

County Data Overview

Part II of this report contains data for each of Ontario's counties and regional municipalities. Each county has five pages of information presented in the following manner:

For Each County	Subject Areas	Years Covered
First page	ALCOHOL-RELATED OCCURRENCES Consumption of Absolute Alcohol Legal Offences Drivers in Alcohol-Related Traffic Crashes General Hospital Separations Primary Diagnoses Secondary Diagnoses Mental Hospital Separations Primary Diagnoses Secondary Diagnoses	1988-89 1985 to 1989 1985 to 1989 1985-86 to 1989-90 1985-86 to 1989-90
Second page	Corresponding rates for all of the variables presented on the first page	see above
Third page	ALCOHOL-RELATED OCCURRENCES (Concluded) Mortality DRUG-RELATED OCCURRENCES Legal Offences General Hospital Separations Primary Diagnoses Secondary Diagnoses Mental Hospital Separations Primary Diagnoses Secondary Diagnoses Mortality	1984 to 1988 1985 to 1989 1985-86 to 1989-90 1985-86 to 1989-90 1984 to 1988
Fourth page	Corresponding rates for all of the variables presented on the third page	see above
Fifth (final) page	County population by age group Graph comparing county rates to provincial rates	1983 to 1989 most recent year

Readers should note that not all variables have the exact same time period; and that some sources provide data for calendar years, while other sources provide data for fiscal years.

The final component of each county's summary is a graph presenting the ratio of county rates to provincial rates for selected indicators. Values greater than 1 indicate county rates are higher than the provincial rate (ie. a value of 2 would indicate the county rate is double the provincial rate), while values less than 1 indicate county rates are below provincial rates.

Users are reminded that rates for smaller counties may show large year-to-year variations and should be interpreted with caution.

County Data Overview (Concluded)

Following the county data are a number of tables, for selected variables, that provide a summary of rates for the five year period being considered and the corresponding ranking over that period. This five-year rate for each region was calculated according to the following formula:

$$\text{5-year rate} = \frac{\sum_{t=1}^5 (\text{Occurrences}_t)}{\sum_{t=1}^5 (\text{Population}_t)}$$

Finally, Part II concludes with a section detailing sources and explanatory notes about the data. Included are definitions of the variables, caveats and other problems associated with the data.

KEY TO SYMBOLS

"_"	zero or nil value
"n.a."	figures not available

Year Definitions:

Calendar Years: Data for the 12 month period January 1 to December 31. Calendar years are denoted in the following manner:

1985 (covers January 1, 1985 to December 31, 1985)
1989 (covers January 1, 1989 to December 31, 1989)

Fiscal Years: In **all** cases data for fiscal years are for the period April 1 of the year specified to March 31 of the following year. Fiscal year data are denoted in the following manner:

1986-87 (covers April 1, 1986 to March 31, 1987)
1988-89 (covers April 1, 1988 to March 31, 1989)

ALGOMA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				1,068.1
				60,528
				16,663
				7,504

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
2,048	1,983	2,322	1,807	2,119
n.a.	2	2	1	1
n.a.	11	5	17	8
805	686	688	627	813
27	32	36	42	36
2,880	2,714	3,053	2,494	2,977

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
188	135	116	165	157
216	156	141	152	121
7	12	6	9	6
411	303	263	326	284

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
24	30	32	35	31
200	204	215	226	199
40	44	59	60	49
58	48	50	53	56
16	8	7	13	7
338	334	363	387	342

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

13	16	12	7	10
198	203	192	207	227
39	32	44	50	47
58	56	71	90	94
1	2	2	-	3
309	309	321	354	381

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	1	2	1
9	17	9	7	8
1	-	-	6	4
11	17	10	15	13

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	1	2	1	1
2	2	4	2	-
2	3	-	2	2
4	6	6	5	3

ALGOMA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				10.4
				58,856
				16,203
				7,297

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,530.6	1,500.0	1,787.5	1,385.7	1,598.0
n.a.	1.5	1.5	0.8	0.8
n.a.	8.3	3.8	13.0	6.0
601.6	518.9	529.6	480.8	613.1
20.2	24.2	27.7	32.2	27.1
2,152.5	2,053.0	2,350.3	1,912.6	2,245.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
140.5	102.1	89.3	126.5	118.4
161.4	118.0	108.5	116.6	91.3
5.2	9.1	4.6	6.9	4.5
307.2	229.2	202.5	250.0	214.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
17.9	22.7	24.6	26.8	23.4
149.5	154.3	165.5	173.3	150.1
29.9	33.3	45.4	46.0	37.0
43.3	36.3	38.5	40.6	42.2
12.0	6.1	5.4	10.0	5.3
252.6	252.6	279.4	296.8	257.9
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

9.7	12.1	9.2	5.4	7.5
148.0	153.6	147.8	158.7	171.2
29.1	24.2	33.9	38.3	35.4
43.3	42.4	54.7	69.0	70.9
0.7	1.5	1.5	-	2.3
230.9	233.7	247.1	271.5	287.3
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.7	-	0.8	1.5	0.8
6.7	12.9	6.9	5.4	6.0
0.7	-	-	4.6	3.0
8.2	12.9	7.7	11.5	9.8
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	0.8	1.5	0.8	0.8
1.5	1.5	3.1	1.5	-
1.5	2.3	-	1.5	1.5
3.0	4.5	4.6	3.8	2.3
6.1	6.3	6.1	6.0	5.6

ALGOMA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	1
2	2	1	—	1
9	14	15	12	21
11	16	16	12	23

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
330	307	227	318	445
1	—	—	—	1
6	16	1	9	26
28	77	12	145	201
3	3	—	2	1
9	23	4	36	28
377	426	244	509	703

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	10	7	14	5
27	33	22	28	36
17	17	11	10	31
72	63	49	76	63
30	21	22	22	19
51	45	55	61	46
206	189	166	211	200

General Hospitals

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

6	4	3	7	21
14	15	7	20	18
30	30	17	41	77
15	16	28	24	31
8	8	13	5	6
15	12	22	15	34
88	85	90	112	187

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
1	1	—	1	—
1	3	1	—	—
2	4	1	1	—

Mental Hospitals

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	1	1	—
1	9	5	8	3
3	6	4	3	1
4	15	10	12	4

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	2	1	—	1
5	1	1	2	4
1	—	1	—	—
6	3	3	2	5

ALGOMA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	0.8
1.5	1.5	0.8	—	0.8
6.7	10.5	11.3	9.2	16.1
8.2	12.0	12.1	9.2	17.6
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
246.9	232.3	174.6	243.7	335.9
1.0	—	—	—	0.9
4.1	11.8	1.0	6.6	19.9
20.7	58.4	9.4	110.9	151.3
2.0	2.4	—	1.6	1.1
6.8	17.2	2.8	27.4	21.1
281.5	322.0	187.9	390.2	530.2
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
6.7	7.6	5.4	10.7	3.8
20.2	25.0	16.9	21.5	27.1
12.7	12.9	8.5	7.7	23.4
53.8	47.7	37.7	58.3	47.5
22.4	15.9	16.9	16.9	14.3
38.1	34.0	42.3	46.8	34.7
154.0	143.0	127.8	161.8	150.8
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

4.5	3.0	2.3	5.4	15.8
10.5	11.3	5.4	15.3	13.6
22.4	22.7	13.1	31.4	58.1
11.2	12.1	21.6	18.4	23.4
6.0	6.1	10.0	3.8	4.5
11.2	9.1	16.9	11.5	25.6
65.8	64.3	69.3	85.9	141.0
60.7	59.5	64.8	71.0	64.8

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
0.7	0.8	—	0.8	—
0.7	2.3	0.8	—	—
1.5	3.0	0.8	0.8	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	0.8	0.8	—
0.7	6.8	3.8	6.1	2.3
2.2	4.5	3.1	2.3	0.8
3.0	11.3	7.7	9.2	3.0
6.6	7.2	8.4	8.7	8.0

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

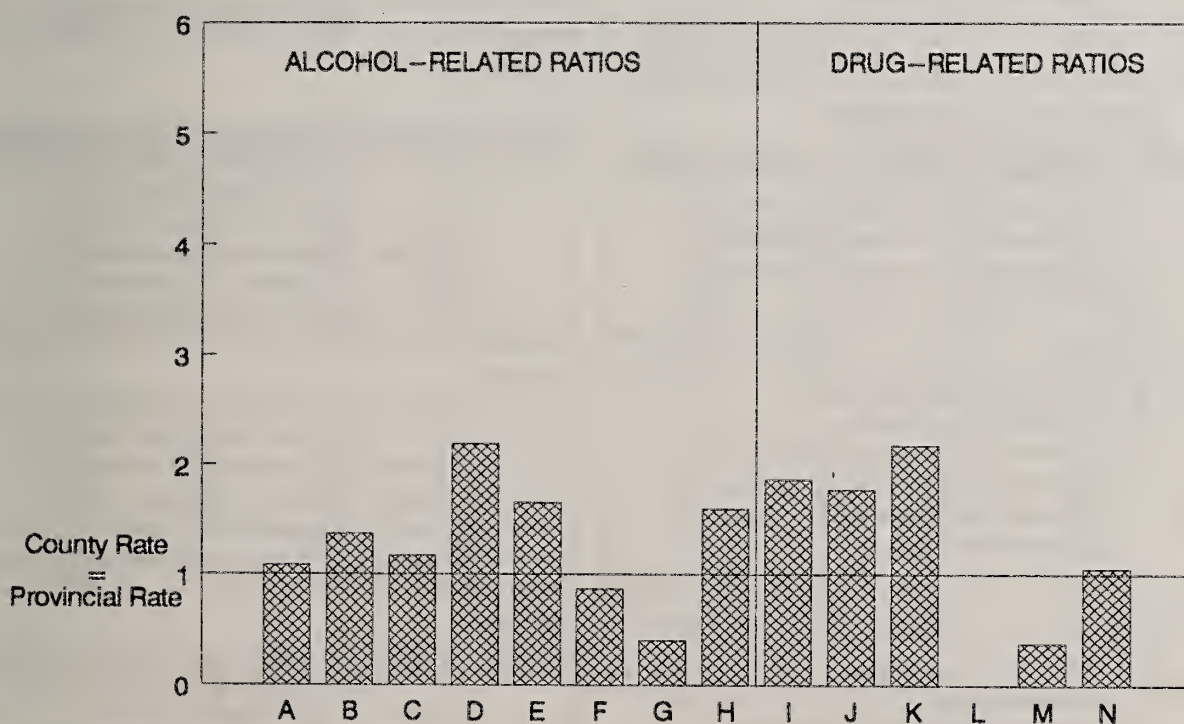
1984	1985	1986	1987	1988
—	1.5	0.8	—	0.8
3.7	0.7	0.8	1.5	3.1
0.7	—	0.8	—	—
4.4	2.2	2.3	1.5	3.8
4.1	3.4	3.5	3.6	3.6

ALGOMA

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	21.5	21.1	21.0	20.9	20.4	19.8	20.3
10-14	11.6	11.2	10.8	10.7	10.8	10.2	10.1
15-19	12.9	12.0	11.3	11.1	11.1	11.0	10.4
20-29	26.7	26.7	26.9	23.3	21.5	21.1	20.6
30-39	19.9	20.2	20.2	21.0	20.5	21.1	21.9
40-49	14.8	14.7	14.5	15.3	15.5	16.3	17.1
50-59	13.4	13.2	13.3	13.4	13.2	13.1	13.2
60-64	5.0	5.3	5.3	5.4	5.4	5.7	5.8
65-74	6.6	6.8	6.9	7.2	7.3	7.7	8.5
75+	3.7	3.7	3.7	3.9	4.2	4.4	4.7
Total Population	136.0	134.9	133.8	132.2	129.9	130.4	132.6
Aged 15 and Over	102.9	102.6	102.0	100.6	98.7	100.4	102.2
Aged 20 and Over	90.0	90.6	90.7	89.5	87.6	89.4	91.8

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

BRANT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				774.3
				53,339
				11,670
				5,142

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
799	938	969	789	800
n.a.	1	1	1	1
n.a.	6	4	8	9
404	449	444	430	441
20	6	9	4	11
1,223	1,400	1,427	1,232	1,262

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
141	118	114	104	130
156	142	151	136	119
13	6	12	10	5
310	266	277	250	254

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
11	10	16	9	13
97	139	147	140	117
19	27	28	21	29
31	29	29	28	43
9	4	4	7	2
167	209	224	205	204

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

6	13	11	10	12
125	134	115	169	149
40	39	52	39	46
67	58	67	65	78
2	3	-	6	4
240	247	245	289	289

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	1	-	-
3	4	8	4	6
-	-	-	-	1
4	4	9	4	7

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	1	-	2	-
-	1	2	1	2
1	-	-	-	1
1	2	2	3	3

BRANT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.1
				62,619
				13,700
				6,037

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
755.2	883.2	898.1	722.5	719.4
n.a.	0.9	0.9	0.9	0.9
n.a.	5.6	3.7	7.3	8.1
381.9	422.8	411.5	393.8	396.6
18.9	5.6	8.3	3.7	9.9
1,156.0	1,318.3	1,322.5	1,128.2	1,134.9
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
133.3	111.1	105.7	95.2	116.9
147.4	133.7	139.9	124.5	107.0
12.3	5.6	11.1	9.2	4.5
293.0	250.5	256.7	228.9	228.4
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.4	9.4	14.8	8.2	11.7
91.7	130.9	136.2	128.2	105.2
18.0	25.4	25.9	19.2	26.1
29.3	27.3	26.9	25.6	38.7
8.5	3.8	3.7	6.4	1.8
157.8	196.8	207.6	187.7	183.5
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.7	12.2	10.2	9.2	10.8
118.1	126.2	106.6	154.8	134.0
37.8	36.7	48.2	35.7	41.4
63.3	54.6	62.1	59.5	70.1
1.9	2.8	-	5.5	3.6
226.8	232.6	227.1	264.7	259.9
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	-	0.9	-	-
2.8	3.8	7.4	3.7	5.4
-	-	-	-	0.9
3.8	3.8	8.3	3.7	6.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.9	-	1.8	-
-	0.9	1.9	0.9	1.8
0.9	-	-	-	0.9
0.9	1.9	1.9	2.7	2.7
6.1	6.3	6.1	6.0	5.6

BRANT

ALCOHOL—RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	1	—	1
2	1	2	1	2
6	9	8	7	13
8	10	11	8	16

DRUG—RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
87	85	84	70	187
—	—	—	—	—
1	1	—	6	4
28	12	6	—	4
—	2	—	—	—
5	4	12	7	6
121	104	103	83	201

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985—86	1986—87	1987—88	1988—89	1989—90
2	1	4	2	3
9	3	6	23	10
9	9	10	7	13
23	32	36	32	23
6	4	15	9	7
28	32	19	21	28
77	81	90	94	84

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

6	5	4	3	7
14	15	12	15	23
15	24	29	43	44
25	18	40	42	40
4	13	10	15	7
23	22	43	52	47
87	97	138	170	168

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985—86	1986—87	1987—88	1988—89	1989—90
3	—	1	1	2
1	4	1	2	1
—	—	—	—	—
4	4	2	3	3

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	2	—	—	1
3	6	4	2	6
1	2	1	—	—
4	10	5	2	7

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	—	1	2
—	1	2	4	—
1	—	1	—	1
2	1	3	5	3

BRANT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

	1984	1985	1986	1987	1988
Alcohol Psychoses	—	—	0.9	—	0.9
Alcohol Dependence Syndrome	1.9	0.9	1.9	0.9	1.8
Chronic Liver Disease and Cirrhosis	5.7	8.5	7.5	6.5	11.9
County	7.6	9.5	10.4	7.4	14.7
Province	11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Marijuana	82.2	80.3	78.3	64.6	168.2
Heroin	—	—	—	—	—
Cocaine	1.3	1.3	—	5.6	3.2
Other Drugs	26.2	11.2	5.7	—	3.8
Controlled Drugs	—	1.5	—	—	—
Restricted Drugs	4.9	3.6	11.3	6.1	5.0
County	114.6	97.9	95.2	76.2	180.4
Province	219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	1.9	0.9	3.7	1.8	2.7
	8.5	2.8	5.6	21.1	9.0
	8.5	8.5	9.3	6.4	11.7
	21.7	30.1	33.4	29.3	20.7
	5.7	3.8	13.9	8.2	6.3
	26.5	30.1	17.6	19.2	25.2
	72.8	76.3	83.4	86.1	75.5
	73.5	77.7	87.3	86.6	85.1
	Secondary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	5.7	4.7	3.7	2.7	6.3
	13.2	14.1	11.1	13.7	20.7
	14.2	22.6	26.9	39.4	39.6
	23.6	16.9	37.1	38.5	36.0
	3.8	12.2	9.3	13.7	6.3
	21.7	20.7	39.9	47.6	42.3
	82.2	91.3	127.9	155.7	151.1
	60.7	59.5	64.8	71.0	64.8

Mental Hospitals	Primary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	2.8	—	0.9	0.9	1.8
	0.9	3.8	0.9	1.8	0.9
	—	—	—	—	—
	3.8	3.8	1.9	2.7	2.7
	4.0	3.6	3.1	3.5	3.2
	Secondary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	—	1.9	—	—	0.9
	2.8	5.6	3.7	1.8	5.4
	0.9	1.9	0.9	—	—
	3.8	9.4	4.6	1.8	6.3
	6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

	1984	1985	1986	1987	1988
Accidental Poisoning	1.0	—	—	0.9	1.8
Suicide	—	0.9	1.9	3.7	—
Undetermined	1.0	—	0.9	—	0.9
County	1.9	0.9	2.8	4.6	2.7
Province	4.1	3.4	3.5	3.6	3.6

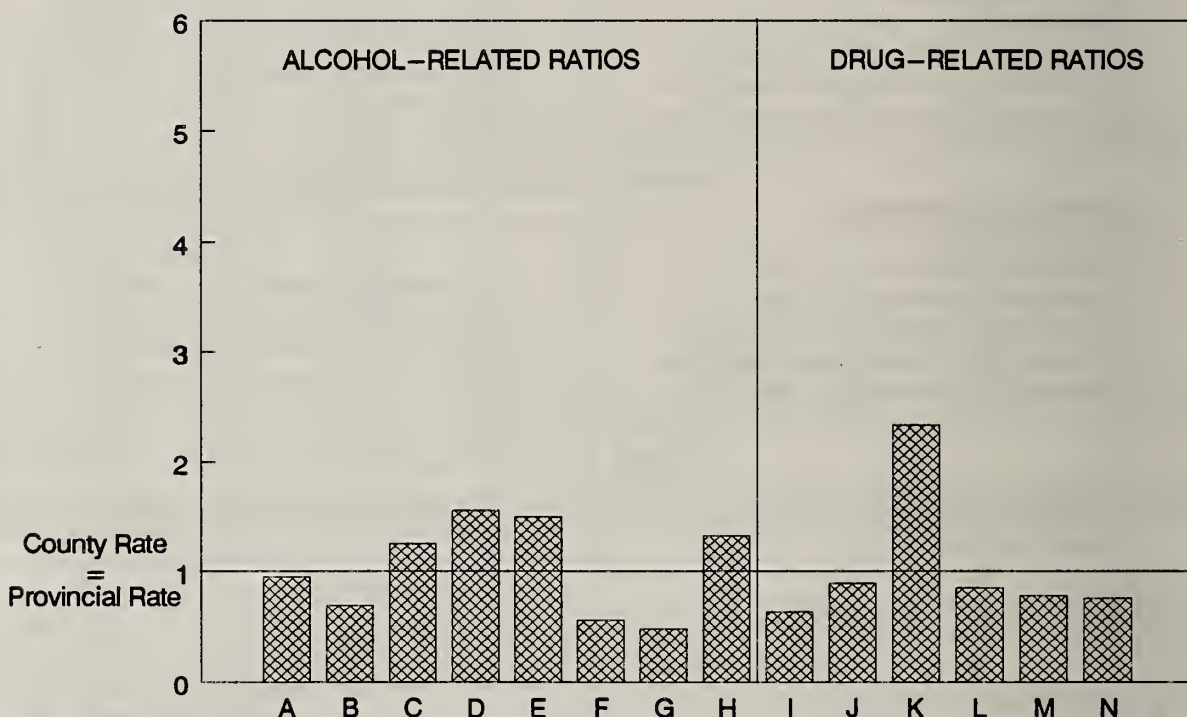
BRANT

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP

	1983	1984	1985	1986	1987	1988	1989
	(in thousands)						
0-9	15.2	15.3	15.2	15.5	15.7	16.0	16.2
10-14	7.9	7.8	7.8	8.0	7.9	7.9	7.7
15-19	9.3	8.8	8.3	8.2	8.2	8.0	7.7
20-29	18.1	18.3	18.8	17.3	18.1	18.3	17.3
30-39	15.6	16.6	16.3	16.6	16.6	16.8	17.9
40-49	10.7	11.0	11.1	11.5	12.2	13.1	14.1
50-59	10.7	10.6	10.4	10.3	10.1	9.9	9.9
60-64	5.0	5.2	5.3	5.3	5.3	5.4	5.2
65-74	7.6	7.8	7.6	8.2	8.2	8.5	8.8
75+	4.9	5.0	5.1	5.5	5.3	5.7	6.4
Total Population	104.9	105.2	105.8	106.2	107.9	109.2	111.2
Aged 15 and Over	81.8	82.1	82.8	82.7	84.3	85.4	87.3
Aged 20 and Over	72.5	73.3	74.5	74.5	76.1	77.4	79.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

BRUCE

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	567.7
	23,940
	9,178
	4,346

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,983	2,055	2,209	2,129	2,296
n.a.	-	-	-	2
n.a.	2	3	-	6
344	369	272	345	433
29	41	24	18	24
2,356	2,467	2,508	2,492	2,761

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
89	59	56	62	73
125	67	81	60	60
2	8	5	7	7
216	134	142	129	140

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

General Hospitals

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	11	11	20	17
123	133	93	78	53
12	14	17	15	12
26	23	36	26	33
2	-	4	2	1
172	181	161	141	116

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

10	18	11	11	9
102	103	110	88	101
8	19	13	13	22
31	20	33	28	35
1	1	-	-	-
152	161	167	140	167

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Mental Hospitals

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1	-	-
1	3	4	-	2
-	1	-	-	-
1	4	5	-	2

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	1	-
-	1	4	1	1
1	-	2	1	1
1	1	6	3	2

BRUCE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				12.5
				52,627
				20,176
				9,554

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
3,266.9	3,459.6	3,687.8	3,484.5	3,650.2
n.a.	-	-	-	3.2
n.a.	3.4	5.0	-	9.5
566.7	621.2	454.1	564.6	688.4
47.8	69.0	40.1	29.5	38.2
3,881.4	4,153.2	4,187.0	4,078.6	4,389.5
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
146.6	99.3	93.5	101.5	116.1
205.9	112.8	135.2	98.2	95.4
3.3	13.5	8.3	11.5	11.1
355.8	225.6	237.1	211.1	222.6
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.8	18.5	18.4	32.7	27.0
202.6	223.9	155.3	127.7	84.3
19.8	23.6	28.4	24.5	19.1
42.8	38.7	60.1	42.6	52.5
3.3	-	6.7	3.3	1.6
283.4	304.7	268.8	230.8	184.4
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

16.5	30.3	18.4	18.0	14.3
168.0	173.4	183.6	144.0	160.6
13.2	32.0	21.7	21.3	35.0
51.1	33.7	55.1	45.8	55.6
1.6	1.7	-	-	-
250.4	271.0	278.8	229.1	265.5
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1.7	-	-
1.6	5.1	6.7	-	3.2
-	1.7	-	-	-
1.6	6.7	8.3	-	3.2
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	1.6	-
-	1.7	6.7	1.6	1.6
1.6	-	3.3	1.6	1.6
1.6	1.7	10.0	4.9	3.2
6.1	6.3	6.1	6.0	5.6

BRUCE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	—	—
1	1	6	—	2
6	5	2	9	4
8	6	8	9	6

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
61	74	43	66	111
1	—	—	—	—
—	1	—	1	—
7	18	18	25	9
1	—	2	—	—
1	4	1	4	7
72	97	64	96	127

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	2	3	1	1
3	3	6	3	4
6	5	7	2	2
17	28	7	18	17
12	10	8	10	6
23	18	15	11	17
66	66	46	45	47

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

—	4	1	1	2
6	6	3	11	3
5	2	3	6	6
6	7	8	10	9
1	1	1	4	1
14	7	13	5	9
32	27	29	37	30

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	2	1	—
—	—	1	—	—
—	—	—	—	—
—	—	3	1	—

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	1	—	—
—	—	—	—	1
—	—	1	—	—
—	—	2	—	1

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	3	—	1	—
2	1	1	1	—
—	—	—	—	—
2	4	1	2	—

BRUCE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
1.6	—	—	—	—
1.6	1.6	10.1	—	3.3
9.7	8.2	3.4	15.0	6.5
13.0	9.9	13.5	15.0	9.8
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
100.2	125.2	71.5	107.6	176.5
2.1	—	—	—	—
—	2.4	—	2.0	—
11.4	30.0	30.6	41.2	13.6
2.2	—	2.6	—	—
2.1	6.4	2.0	6.5	11.1
118.1	163.9	106.8	157.2	201.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.2	3.4	5.0	1.6	1.6
4.9	5.1	10.0	4.9	6.4
9.9	8.4	11.7	3.3	3.2
28.0	47.1	11.7	29.5	27.0
19.8	16.8	13.4	16.4	9.5
37.9	30.3	25.0	18.0	27.0
108.7	111.1	76.8	73.6	74.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

—	6.7	1.7	1.6	3.2
9.9	10.1	5.0	18.0	4.8
8.2	3.4	5.0	9.8	9.5
9.9	11.8	13.4	16.4	14.3
1.6	1.7	1.7	6.5	1.6
23.1	11.8	21.7	8.2	14.3
52.7	45.5	48.4	60.6	47.7
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	3.3	1.6	—
—	—	1.7	—	—
—	—	—	—	—
—	—	5.0	1.6	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	1.7	—	—
—	—	—	—	1.6
—	—	1.7	—	—
—	—	3.3	—	1.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

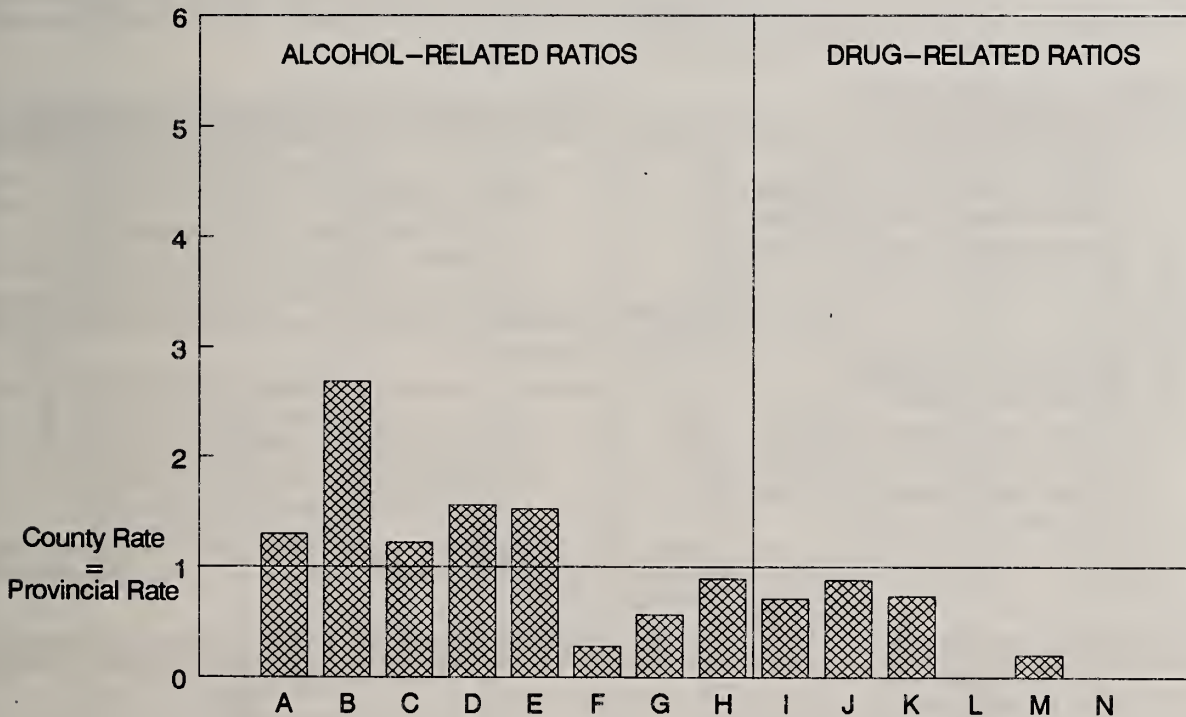
1984	1985	1986	1987	1988
—	4.9	—	1.7	—
3.2	1.6	1.7	1.7	—
—	—	—	—	—
3.2	6.6	1.7	3.3	—
4.1	3.4	3.5	3.6	3.6

BRUCE

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	10.4	10.5	10.0	9.6	8.6	9.2	10.3
10-14	5.2	5.1	5.0	4.8	4.2	4.3	4.9
15-19	5.2	5.0	4.8	4.5	4.8	4.9	4.6
20-29	9.6	9.7	9.6	8.3	8.5	8.7	8.5
30-39	5.2	9.6	9.4	9.3	9.6	9.7	9.9
40-49	5.9	6.1	6.1	6.4	7.1	7.4	7.0
50-59	5.2	5.0	5.0	5.4	5.5	5.4	5.7
60-64	2.9	3.0	2.7	2.8	2.9	2.7	3.0
65-74	4.6	4.7	4.6	5.0	5.2	5.3	5.4
75+	3.0	3.0	3.1	3.4	3.7	3.7	3.6
Total Population	61.3	61.6	60.7	59.4	59.9	61.1	62.9
Aged 15 and Over	45.7	46.0	45.7	45.0	47.1	47.6	47.7
Aged 20 and Over	40.5	41.0	40.9	40.5	42.3	42.7	43.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

				1988-89
				813.3
				40,140
				12,942
				5,951

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
2,146	1,983	2,235	2,382	2,329
n.a.	2	-	-	-
n.a.	1	5	4	4
740	571	570	557	556
16	28	31	27	20
2,902	2,585	2,841	2,970	2,909

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities
Total

1985	1986	1987	1988	1989
100	76	83	96	75
92	77	92	83	74
3	4	6	3	2
195	157	181	182	151

HOSPITAL SEPARATIONS

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
42	52	42	36	34
244	299	262	210	200
49	48	48	40	27
39	55	50	51	39
6	2	4	6	4
380	456	406	343	304

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

19	14	15	16	21
237	230	203	157	176
36	55	60	44	48
49	53	66	53	59
2	2	1	1	-
343	354	345	271	304

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	3	1	1
13	10	6	8	4
18	7	3	4	2
33	18	12	13	7

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

-	2	1	-	-
3	-	3	5	3
12	9	4	3	5
15	11	8	8	8

COCHRANE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.3
				55,999
				18,055
				8,302

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,228.5	2,087.4	2,367.6	2,512.7	2,451.6
n.a.	2.1	-	-	-
n.a.	1.1	5.3	4.2	4.2
768.4	601.1	603.8	587.6	585.3
16.6	29.5	32.8	28.5	21.1
3,013.5	2,721.1	3,009.5	3,132.9	3,062.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
103.8	80.0	87.9	101.3	78.9
95.5	81.1	97.5	87.6	77.9
3.1	4.2	6.4	3.2	2.1
202.5	165.3	191.7	192.0	158.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				
	Secondary Diagnoses				
	Alcoholic Psychoses				

1985-86	1986-87	1987-88	1988-89	1989-90
43.6	54.7	44.5	38.0	35.8
253.4	314.7	277.5	221.5	210.5
50.9	50.5	50.8	42.2	28.4
40.5	57.9	53.0	53.8	41.1
6.2	2.1	4.2	6.3	4.2
394.6	480.0	430.1	361.8	320.0
136.9	143.3	144.1	133.9	118.1

General Hospitals	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				
	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				

1985-86	1986-87	1987-88	1988-89	1989-90
19.7	14.7	15.9	16.9	22.1
246.1	242.1	215.0	165.6	185.3
37.4	57.9	63.6	46.4	50.5
50.9	55.8	69.9	55.9	62.1
2.1	2.1	1.1	1.1	-
356.2	372.6	365.5	285.9	320.0
190.1	190.2	186.4	177.9	173.8

Mental Hospitals	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				
	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				

1985-86	1986-87	1987-88	1988-89	1989-90
2.1	1.1	3.2	1.1	1.1
13.5	10.5	6.4	8.4	4.2
18.7	7.4	3.2	4.2	2.1
34.3	18.9	12.7	13.7	7.4
15.2	14.1	14.4	12.6	11.3

Mental Hospitals	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				
	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				

1985-86	1986-87	1987-88	1988-89	1989-90
-	2.1	1.1	-	-
3.1	-	3.2	5.3	3.2
12.5	9.5	4.2	3.2	5.3
15.6	11.6	8.5	8.4	8.4
6.1	6.3	6.1	6.0	5.6

COCHRANE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	—	—
—	2	3	1	1
5	7	7	6	7
6	9	10	7	8

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
224	225	154	213	190
—	—	—	—	—
10	10	28	74	107
35	12	24	9	137
7	—	5	4	3
21	14	16	7	17
295	261	226	306	452

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	10	9	12	14
12	23	28	53	20
11	12	15	8	9
54	38	50	55	56
20	22	19	20	13
48	29	39	41	31
153	134	160	189	143

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

7	4	4	6	7
19	14	34	36	26
17	25	23	37	32
29	9	14	23	13
5	2	4	6	6
17	15	19	14	15
94	69	98	122	99

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	2	—	4	—
3	2	—	—	—
8	5	1	1	3
17	9	1	5	3

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	1	4	1
5	2	3	2	2
9	7	5	6	6
14	9	9	12	9

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	2	—	—	1
1	4	3	—	4
1	1	—	2	—
2	7	3	2	5

COCHRANE

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
1.0	—	—	—	—
—	2.1	3.2	1.1	1.1
5.1	7.3	7.4	6.4	7.4
6.2	9.3	10.5	7.4	8.4
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
232.1	237.3	162.9	224.4	199.5
—	—	—	—	—
10.0	10.4	29.1	77.7	112.1
36.0	12.5	25.9	10.0	143.8
6.9	—	4.9	4.3	3.0
21.5	14.6	16.7	7.0	17.7
306.6	274.9	239.6	323.3	476.1
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.3	10.5	9.5	12.7	14.7
12.5	24.2	29.7	55.9	21.1
11.4	12.6	15.9	8.4	9.5
56.1	40.0	53.0	58.0	58.9
20.8	23.2	20.1	21.1	13.7
49.8	30.5	41.3	43.2	32.6
158.9	141.1	169.5	199.4	150.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.3	4.2	4.2	6.3	7.4
19.7	14.7	36.0	38.0	27.4
17.7	26.3	24.4	39.0	33.7
30.1	9.5	14.8	24.3	13.7
5.2	2.1	4.2	6.3	6.3
17.7	15.8	20.1	14.8	15.8
97.6	72.6	103.8	128.7	104.2
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
6.2	2.1	—	4.2	—
3.1	2.1	—	—	—
8.3	5.3	1.1	1.1	3.2
17.7	9.5	1.1	5.3	3.2
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.1	4.2	1.1
5.2	2.1	3.2	2.1	2.1
9.3	7.4	5.3	6.3	6.3
14.5	9.5	9.5	12.7	9.5
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

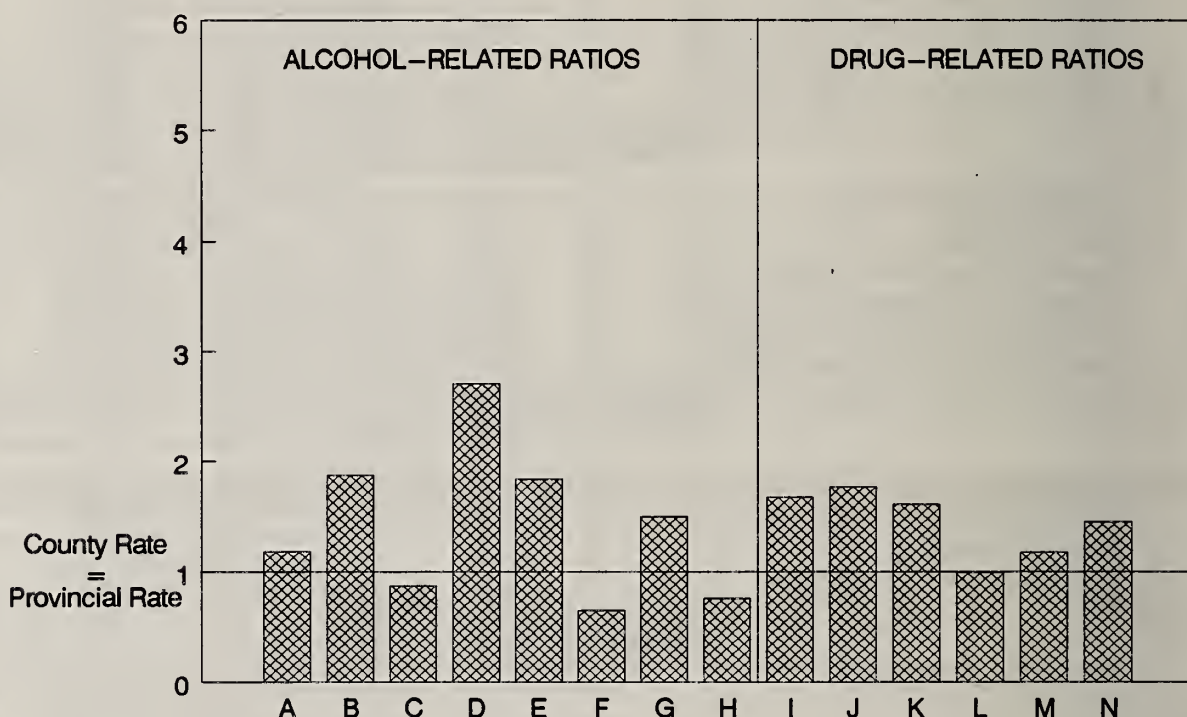
1984	1985	1986	1987	1988
—	2.1	—	—	1.1
1.0	4.2	3.2	—	4.2
1.0	1.0	—	2.1	—
2.1	7.3	3.2	2.1	5.3
4.1	3.4	3.5	3.6	3.6

COCHRANE

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
	(in thousands)						
0- 9	16.3	16.2	15.9	15.3	15.4	15.6	15.6
10-14	8.7	8.5	8.2	7.7	7.6	7.5	7.4
15-19	9.5	8.9	8.4	8.1	8.1	7.8	7.7
20-29	18.6	18.9	18.5	17.6	16.8	16.3	15.5
30-39	13.9	14.3	14.7	15.0	15.3	15.5	16.1
40-49	9.7	9.8	9.7	10.2	10.4	11.0	11.6
50-59	9.1	9.1	8.8	9.0	8.8	8.6	8.5
60-64	3.7	3.8	3.8	3.8	3.8	3.8	3.8
65-74	4.8	4.9	4.9	4.9	5.0	5.2	5.4
75+	3.0	3.2	3.2	3.2	3.1	3.3	3.4
Total Population	97.4	97.4	96.3	95.0	94.4	94.8	95.0
Aged 15 and Over	72.4	72.7	72.2	72.0	71.4	71.7	72.0
Aged 20 and Over	62.9	63.8	63.8	63.9	63.3	63.9	64.3

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

DUFFERIN

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	303.5
	14,638
	4,843
	2,236

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
645	633	627	821	806
n.a.	-	1	-	7
n.a.	6	4	1	1
221	161	152	192	181
-	3	3	15	6
866	803	787	1,029	1,001

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
41	45	37	61	45
57	81	52	42	48
4	1	4	-	2
102	127	93	103	95

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	2	2	4	10
40	28	28	26	21
6	6	4	4	3
10	13	6	19	11
3	-	5	1	1
62	49	45	54	46

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

3	2	3	3	-
41	33	30	35	40
3	10	6	6	6
9	11	14	9	15
-	-	2	1	-
56	56	55	54	61

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
4	2	2	3	1
-	-	-	-	-
4	2	2	3	1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

-	-	-	1	-
-	-	-	1	1
1	-	-	-	-
1	-	-	2	1

DUFFERIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.5
				55,510
				18,366
				8,479

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,003.1	1,941.7	1,849.6	2,312.7	2,184.3
n.a.	-	2.9	-	19.0
n.a.	18.4	11.8	2.8	2.7
686.3	493.9	448.4	540.8	490.5
-	9.2	8.8	42.3	16.3
2,689.4	2,463.2	2,321.5	2,898.6	2,712.7
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
127.3	138.0	109.1	171.8	122.0
177.0	248.5	153.4	118.3	130.1
12.4	3.1	11.8	-	5.4
316.8	389.6	274.3	290.1	257.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
9.3	6.1	5.9	11.3	27.1
124.2	85.9	82.6	73.2	56.9
18.6	18.4	11.8	11.3	8.1
31.1	39.9	17.7	53.5	29.8
9.3	-	14.7	2.8	2.7
192.5	150.3	132.7	152.1	124.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

9.3	6.1	8.8	8.5	-
127.3	101.2	88.5	98.6	108.4
9.3	30.7	17.7	16.9	16.3
28.0	33.7	41.3	25.4	40.7
-	-	5.9	2.8	-
173.9	171.8	162.2	152.1	165.3
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
12.4	6.1	5.9	8.5	2.7
-	-	-	-	-
12.4	6.1	5.9	8.5	2.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	2.8	-
-	-	-	2.8	2.7
3.1	-	-	-	-
3.1	-	-	5.6	2.7
6.1	6.3	6.1	6.0	5.6

DUFFERIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	3	-	-	-
2	2	1	3	5
2	5	1	3	5

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
41	21	23	38	42
-	-	-	-	-
-	-	1	-	1
-	-	6	9	68
1	-	-	-	-
3	3	1	1	6
45	23	31	49	117

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	2	1	1	1
-	-	2	5	1
2	1	4	4	1
15	19	17	16	18
8	5	1	5	6
17	10	13	11	13
42	37	38	42	40

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

-	1	-	1	1
3	5	6	3	3
5	6	-	3	1
3	1	2	2	2
-	2	-	-	-
8	1	1	2	2
19	16	9	11	9

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	-	-	-
2	1	-	-	-
2	1	-	-	-

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
-	-	-	1	1
-	2	2	-	-
-	2	2	1	1

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	-
1	-	2	1	-
-	-	-	-	-
1	-	2	1	-

DUFFERIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
—	9.3	—	—	—
6.2	6.2	3.1	8.8	14.1
6.2	15.5	3.1	8.8	14.1
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
127.3	63.6	66.9	107.7	114.5
—	—	—	—	—
—	—	3.9	—	3.2
—	—	18.0	26.6	185.1
4.1	—	—	—	—
8.0	7.7	3.6	3.7	15.2
139.5	71.3	92.4	138.0	318.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	6.1	2.9	2.8	2.7
—	—	5.9	14.1	2.7
6.2	3.1	11.8	11.3	2.7
46.6	58.3	50.1	45.1	48.8
24.8	15.3	2.9	14.1	16.3
52.8	30.7	38.3	31.0	35.2
130.4	113.5	112.1	118.3	108.4
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

—	3.1	—	2.8	2.7
9.3	15.3	17.7	8.5	8.1
15.5	18.4	—	8.5	2.7
9.3	3.1	5.9	5.6	5.4
—	6.1	—	—	—
24.8	3.1	2.9	5.6	5.4
59.0	49.1	26.5	31.0	24.4
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	—	—	—	—
6.2	3.1	—	—	—
6.2	3.1	—	—	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	—
—	—	—	2.8	2.7
—	6.1	5.9	—	—
—	6.1	5.9	2.8	2.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

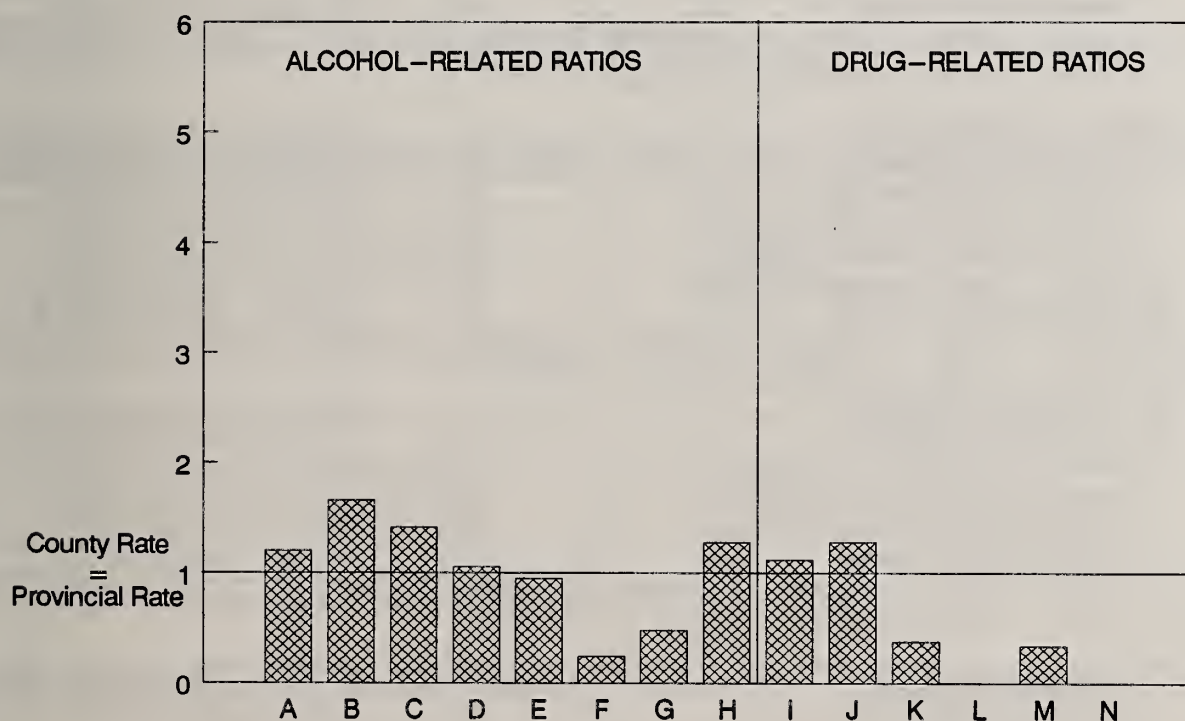
1984	1985	1986	1987	1988
—	—	—	—	—
3.1	—	6.1	2.9	—
—	—	—	—	—
3.1	—	6.1	2.9	—
4.1	3.4	3.5	3.6	3.6

DUFFERIN

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	5.3	5.3	5.2	5.3	5.2	5.8	6.1
10-14	3.0	2.9	2.9	2.7	2.8	3.0	3.0
15-19	2.8	2.8	2.8	2.8	2.9	3.0	3.0
20-29	4.6	4.5	4.5	4.9	5.1	5.3	5.3
30-39	5.5	5.6	5.6	5.5	5.7	6.0	6.3
40-49	3.8	3.9	4.1	4.0	4.4	4.5	4.8
50-59	2.7	2.8	2.8	2.7	2.9	2.9	3.0
60-64	1.2	1.3	1.2	1.2	1.2	1.3	1.4
65-74	1.8	1.8	2.0	2.0	2.0	2.2	2.4
75+	1.4	1.4	1.4	1.4	1.4	1.5	1.6
Total Population	31.9	32.2	32.2	32.6	33.9	35.5	36.9
Aged 15 and Over	23.6	24.0	24.1	24.6	25.9	26.7	27.8
Aged 20 and Over	20.8	21.2	21.3	21.8	23.0	23.7	24.8

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	706.6
	53,397
	10,497
	4,585

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
1,031	928	902	859	899
n.a.	1	1	-	1
n.a.	4	2	2	1
489	463	400	462	525
1	16	8	23	27
1,521	1,412	1,313	1,346	1,453

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
141	127	123	107	105
154	132	137	97	97
6	12	5	7	11
301	271	265	211	213

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

General Hospitals

1985-86	1986-87	1987-88	1988-89	1989-90
9	15	12	15	20
117	84	76	80	76
23	21	19	9	14
37	50	46	58	47
1	3	2	8	4
187	173	155	170	161

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

8	7	10	14	14
114	122	149	161	109
11	14	12	28	19
49	65	70	71	55
3	-	2	-	-
185	208	243	274	197

Total

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Mental Hospitals

1985-86	1986-87	1987-88	1988-89	1989-90
2	2	1	-	-
10	17	16	5	10
1	-	1	-	1
13	19	18	5	11

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1	-	-	1	-
4	5	2	1	7
-	-	-	-	-
5	5	2	2	7

Total

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				8.5
				64,218
				12,624
				5,514

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,003.9	901.8	865.6	813.4	837.8
n.a.	1.0	1.0	-	0.9
n.a.	3.9	1.9	1.9	0.9
476.1	450.0	383.9	437.5	489.3
1.0	15.5	7.7	21.8	25.2
1,481.0	1,372.2	1,260.1	1,274.6	1,354.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
137.3	123.4	118.0	101.3	97.9
150.0	128.3	131.5	91.9	90.4
5.8	11.7	4.8	6.6	10.3
293.1	263.4	254.3	199.8	198.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.8	14.6	11.5	14.2	18.6
113.9	81.6	72.9	75.8	70.8
22.4	20.4	18.2	8.5	13.0
36.0	48.6	44.1	54.9	43.8
1.0	2.9	1.9	7.6	3.7
182.1	168.1	148.8	161.0	150.0
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.8	6.8	9.6	13.3	13.0
111.0	118.6	143.0	152.5	101.6
10.7	13.6	11.5	26.5	17.7
47.7	63.2	67.2	67.2	51.3
2.9	-	1.9	-	-
180.1	202.1	233.2	259.5	183.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	1.9	1.0	-	-
9.7	16.5	15.4	4.7	9.3
1.0	-	1.0	-	0.9
12.7	18.5	17.3	4.7	10.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.0	-	-	0.9	-
3.9	4.9	1.9	0.9	6.5
-	-	-	-	-
4.9	4.9	1.9	1.9	6.5
6.1	6.3	6.1	6.0	5.6

DUNDAS, GLENGARRY and STORMONT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	—	1	—
—	—	1	2	—
13	6	10	6	14
13	7	11	9	14

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
55	119	40	30	49
—	—	—	—	—
3	4	3	7	43
21	—	18	9	13
1	—	—	—	4
4	4	—	1	20
83	127	61	48	129

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	6	7	4	2
12	12	10	28	17
3	2	3	2	—
27	29	38	43	31
18	24	17	12	5
41	38	48	46	37
109	111	123	135	92

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	5	6	2	5
16	17	22	35	21
5	8	5	10	9
19	15	22	29	14
5	7	4	10	4
19	27	22	30	12
66	79	81	116	65

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	3	—	—
—	3	6	1	6
—	—	2	—	1
—	3	11	1	7

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
7	3	2	3	6
1	—	1	3	2
8	3	3	6	8

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	1	1	2
3	2	2	1	2
—	—	—	—	—
4	2	3	2	4

DUNDAS, GLENGARRY and STORMONT

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	1.0	—	1.0	—
—	—	1.0	1.9	—
12.7	5.8	9.7	5.8	13.3
12.7	6.8	10.7	8.6	13.3
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
53.2	116.1	38.7	28.3	46.1
—	—	—	—	—
2.7	4.1	2.5	7.0	40.2
20.3	—	17.6	8.9	11.9
1.3	—	—	—	4.0
3.8	3.7	—	1.3	18.3
81.2	123.9	58.8	45.4	120.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.8	5.8	6.7	3.8	1.9
11.7	11.7	9.6	26.5	15.8
2.9	1.9	2.9	1.9	—
26.3	28.2	36.5	40.7	28.9
17.5	23.3	16.3	11.4	4.7
39.9	36.9	46.1	43.6	34.5
106.1	107.9	118.0	127.8	85.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	4.9	5.8	1.9	4.7
15.6	16.5	21.1	33.1	19.6
4.9	7.8	4.8	9.5	8.4
18.5	14.6	21.1	27.5	13.0
4.9	6.8	3.8	9.5	3.7
18.5	26.2	21.1	28.4	11.2
64.3	76.8	77.7	109.8	60.6
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	2.9	—	—
—	2.9	5.8	0.9	5.6
—	—	1.9	—	0.9
—	2.9	10.6	0.9	6.5
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
6.8	2.9	1.9	2.8	5.6
1.0	—	1.0	2.8	1.9
7.8	2.9	2.9	5.7	7.5
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

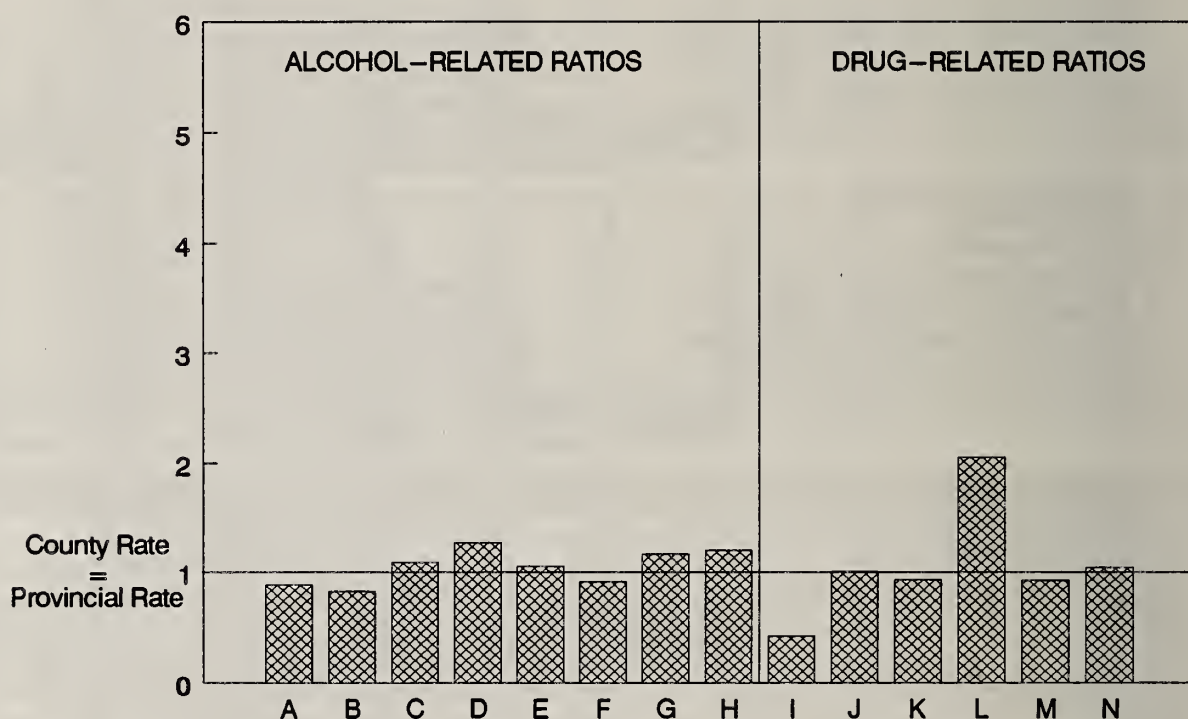
1984	1985	1986	1987	1988
1.0	—	1.0	1.0	1.9
2.9	1.9	1.9	1.0	1.9
—	—	—	—	—
3.9	1.9	2.9	1.9	3.8
4.1	3.4	3.5	3.6	3.6

DUNDAS, GLENGARRY and STORMONT

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	14.4	14.4	14.5	14.6	14.8	15.0	15.4
10-14	7.9	7.7	7.9	7.7	7.8	7.6	7.8
15-19	9.2	8.7	8.3	7.8	7.9	7.7	7.9
20-29	17.1	17.5	17.7	16.6	15.6	14.3	16.9
30-39	14.3	14.8	14.8	15.5	15.9	16.5	16.4
40-49	10.7	10.9	10.9	11.5	12.3	13.4	12.4
50-59	10.7	10.9	10.4	10.2	10.2	10.2	10.4
60-64	4.9	5.0	5.0	5.3	5.3	5.3	5.3
65-74	7.9	7.9	7.9	8.2	8.4	9.2	8.7
75+	5.1	5.1	5.2	5.6	5.8	6.3	6.1
Total Population	101.8	102.4	102.7	102.9	104.2	105.6	107.3
Aged 15 and Over	79.6	80.3	80.3	80.6	81.6	83.0	84.1
Aged 20 and Over	70.4	71.6	72.0	72.8	73.7	75.3	76.2

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,704.9
	177,214
	41,169
	18,218

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
5,478	5,613	1,833	1,765	1,937
n.a.	-	-	5	-
n.a.	7	31	32	50
1,388	1,487	1,425	1,537	1,751
137	140	129	179	213
7,003	7,247	3,418	3,518	3,951

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
398	354	365	458	429
450	392	454	386	326
15	17	16	15	14
863	763	835	859	769

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
47	60	48	71	42
153	196	165	155	131
18	20	17	23	20
109	118	162	128	127
6	5	16	9	15
333	399	408	386	335

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

25	38	27	38	30
217	267	266	247	233
27	27	23	24	29
122	145	137	166	136
2	1	4	6	6
393	478	457	481	434

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	7	6	4	3
30	16	13	5	12
-	1	8	10	9
38	24	27	19	24

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

2	1	1	1	-
25	19	6	6	7
3	3	21	16	24
30	23	28	23	31

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.4
				61,685
				14,330
				6,341

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,733.0	1,720.7	536.9	486.8	504.7
n.a.	-	-	1.4	-
n.a.	2.1	9.1	8.8	13.0
439.1	455.9	417.4	423.9	456.2
43.3	42.9	37.8	49.4	55.5
2,215.4	2,221.6	1,001.2	970.2	1,029.4
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
125.9	108.5	106.9	126.3	111.8
142.4	120.2	133.0	106.5	84.9
4.7	5.2	4.7	4.1	3.6
273.0	233.9	244.6	236.9	200.4
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.9	18.4	14.1	19.6	10.9
48.4	60.1	48.3	42.7	34.1
5.7	6.1	5.0	6.3	5.2
34.5	36.2	47.5	35.3	33.1
1.9	1.5	4.7	2.5	3.9
105.3	122.3	119.5	106.5	87.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.9	11.6	7.9	10.5	7.8
68.6	81.9	77.9	68.1	60.7
8.5	8.3	6.7	6.6	7.6
38.6	44.5	40.1	45.8	35.4
0.6	0.3	1.2	1.7	1.6
124.3	146.5	133.9	132.7	113.1
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.5	2.1	1.8	1.1	0.8
9.5	4.9	3.8	1.4	3.1
-	0.3	2.3	2.8	2.3
12.0	7.4	7.9	5.2	6.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.6	0.3	0.3	0.3	-
7.9	5.8	1.8	1.7	1.8
0.9	0.9	6.2	4.4	6.3
9.5	7.1	8.2	6.3	8.1
6.1	6.3	6.1	6.0	5.6

DURHAM REGIONAL MUNICIPALITY

ALCOHOL--RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	1	1	1	—
6	5	2	3	7
17	24	25	23	22
24	30	28	27	29

DRUG--RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
441	455	654	553	640
1	—	—	1	—
6	14	47	41	59
7	—	6	6	4
—	—	6	4	3
9	16	38	24	15
464	485	751	629	721

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
4	6	10	8	9
9	24	33	26	32
11	19	29	24	16
41	55	75	79	71
26	19	19	27	22
37	56	65	80	56
128	179	231	244	206

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	7	8	11	3
20	40	26	29	39
31	27	35	45	29
53	26	35	47	37
20	16	11	17	10
62	43	38	31	45
195	159	153	180	163

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	5	3	2	1
3	1	1	3	1
13	9	7	8	8
26	15	11	13	10

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	1	1	1
8	5	1	3	3
27	24	47	53	33
36	30	49	57	37

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	3	—	2	5
3	4	6	5	5
—	1	—	—	2
7	8	6	7	12

DURHAM REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.3	0.3	0.3	0.3	—
2.0	1.6	0.6	0.9	1.9
5.5	7.6	7.7	6.7	6.1
7.8	9.5	8.6	7.9	8.0
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
139.5	139.4	191.6	152.6	166.7
0.4	—	—	0.4	—
1.7	4.3	13.8	11.2	15.3
2.2	—	1.8	1.7	1.1
—	—	1.8	1.1	0.7
2.9	5.0	11.0	6.6	4.0
146.7	148.7	220.0	173.5	187.8
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	1.8	2.9	2.2	2.3
2.8	7.4	9.7	7.2	8.3
3.5	5.8	8.5	6.6	4.2
13.0	16.9	22.0	21.8	18.5
8.2	5.8	5.6	7.4	5.7
11.7	17.2	19.0	22.1	14.6
40.5	54.9	67.7	67.3	53.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.8	2.1	2.3	3.0	0.8
6.3	12.3	7.6	8.0	10.2
9.8	8.3	10.3	12.4	7.6
16.8	8.0	10.3	13.0	9.6
6.3	4.9	3.2	4.7	2.6
19.6	13.2	11.1	8.5	11.7
61.7	48.7	44.8	49.6	42.5
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.2	1.5	0.9	0.6	0.3
0.9	0.3	0.3	0.8	0.3
4.1	2.8	2.1	2.2	2.1
8.2	4.6	3.2	3.6	2.6
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

0.3	0.3	0.3	0.3	0.3
2.5	1.5	0.3	0.8	0.8
8.5	7.4	13.8	14.6	8.6
11.4	9.2	14.4	15.7	9.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

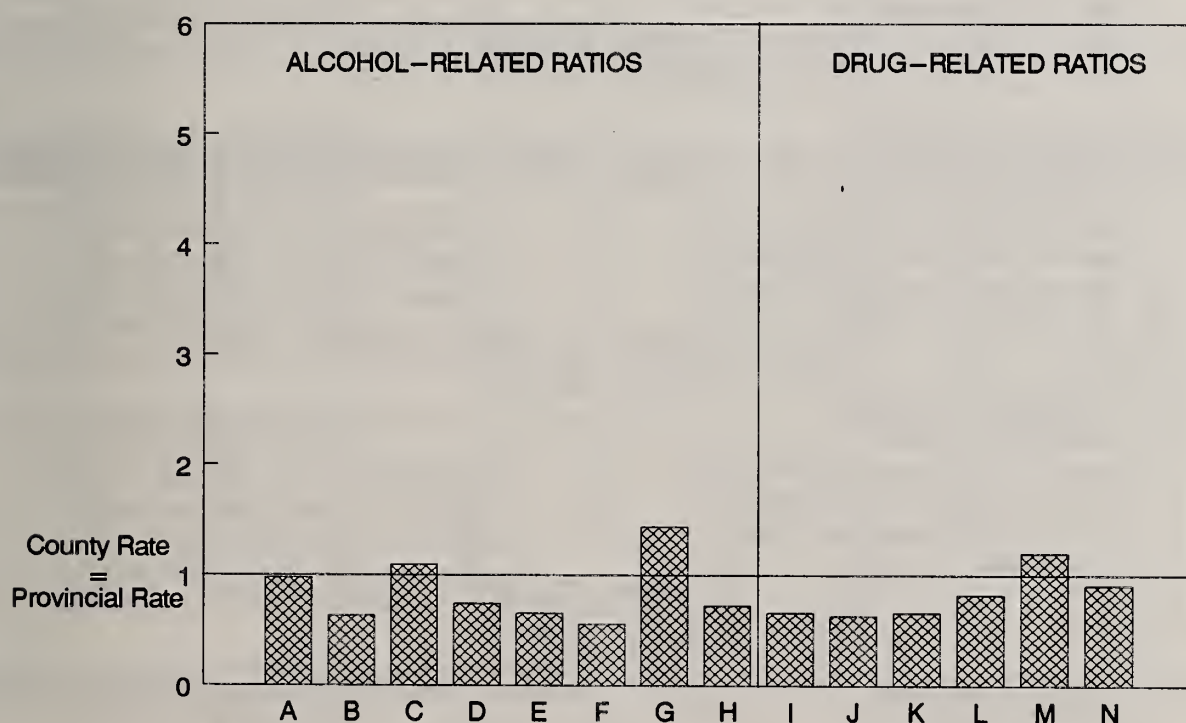
1984	1985	1986	1987	1988
1.3	0.9	—	0.6	1.4
1.0	1.3	1.8	1.5	1.4
—	0.3	—	—	0.6
2.3	2.5	1.8	2.1	3.3
4.1	3.4	3.5	3.6	3.6

DURHAM REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
	(in thousands)						
0-9	47.3	48.8	50.0	52.4	54.7	58.4	62.5
10-14	24.4	24.6	24.8	25.1	25.4	25.5	29.1
15-19	25.9	25.1	24.8	24.9	25.5	26.0	28.5
20-29	51.1	52.4	53.5	57.4	59.1	61.3	66.0
30-39	53.1	55.9	59.2	59.3	63.2	69.5	70.5
40-49	35.1	36.9	39.0	40.2	43.9	48.7	48.6
50-59	27.6	28.1	28.6	29.0	29.9	30.6	33.5
60-64	10.4	11.2	11.7	12.2	12.7	13.1	14.1
65-74	13.6	14.0	14.5	15.6	16.6	18.1	18.9
75+	9.2	9.6	10.0	10.0	10.4	11.2	12.1
Total Population	297.8	306.6	316.1	326.2	341.4	362.6	383.8
Aged 15 and Over	226.1	233.2	241.3	248.7	261.3	278.7	292.2
Aged 20 and Over	200.2	208.1	216.5	223.8	235.8	252.7	263.7

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ELGIN

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				421.5
				37,633
				6,058
				2,626

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,343	1,618	1,403	1,300	1,357
n.a.	-	1	1	1
n.a.	1	2	5	2
552	533	383	322	311
7	29	36	25	15
1,902	2,181	1,825	1,653	1,686

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
78	70	62	61	51
82	72	74	71	73
2	6	6	5	5
162	148	142	137	129

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	7	8	3	10
43	32	27	26	21
11	21	18	15	15
37	34	30	32	18
3	10	10	6	9
97	104	93	82	73

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

11	12	12	5	6
66	74	84	53	38
11	17	9	10	14
33	46	29	22	34
1	-	-	-	-
122	149	134	90	92

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	2	2	4
56	53	41	41	39
1	2	2	2	2
58	55	45	45	45

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1	1	-	-	3
15	19	23	20	28
5	7	3	4	6
21	27	26	24	37

ELGIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				7.5
				66,915
				10,772
				4,669

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,915.8	2,301.6	1,959.5	1,790.6	1,821.5
n.a.	—	1.4	1.4	1.3
n.a.	1.4	2.8	6.9	2.7
787.4	758.2	534.9	443.5	417.4
10.0	41.3	50.3	34.4	20.1
2,713.3	3,102.4	2,548.9	2,276.9	2,263.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
111.3	99.6	86.6	84.0	68.5
117.0	102.4	103.4	97.8	98.0
2.9	8.5	8.4	6.9	6.7
231.1	210.5	198.3	188.7	173.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.3	10.0	11.2	4.1	13.4
61.3	45.5	37.7	35.8	28.2
15.7	29.9	25.1	20.7	20.1
52.8	48.4	41.9	44.1	24.2
4.3	14.2	14.0	8.3	12.1
138.4	147.9	129.9	112.9	98.0
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
15.7	17.1	16.8	6.9	8.1
94.2	105.3	117.3	73.0	51.0
15.7	24.2	12.6	13.8	18.8
47.1	65.4	40.5	30.3	45.6
1.4	—	—	—	—
174.0	211.9	187.2	124.0	123.5
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	—	2.8	2.8	5.4
79.9	75.4	57.3	56.5	52.3
1.4	2.8	2.8	2.8	2.7
82.7	78.2	62.8	62.0	60.4
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	1.4	—	—	4.0
21.4	27.0	32.1	27.5	37.6
7.1	10.0	4.2	5.5	8.1
30.0	38.4	36.3	33.1	49.7
6.1	6.3	6.1	6.0	5.6

ELGIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	1
1	1	1	3	3
5	4	4	10	1
6	5	5	13	5

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
122	130	165	123	117
—	—	1	1	—
4	—	4	4	5
7	24	31	—	21
4	—	—	2	—
—	1	5	5	3
137	155	206	135	146

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	1	1	4
3	—	3	3	1
4	3	1	4	4
31	26	33	42	24
7	5	14	4	5
31	31	29	31	27
77	65	81	85	65

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	—	3	3	—
5	7	7	1	2
4	5	6	7	7
3	10	7	2	5
—	2	—	1	—
11	7	7	11	5
25	31	30	25	19

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	1	3	1
12	9	12	7	8
—	2	—	2	—
13	12	13	12	9

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

2	—	—	—	—
24	21	29	20	27
5	1	11	17	6
31	22	40	37	33

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	—	1	—
—	4	1	—	2
—	—	1	—	—
1	4	2	1	2

ELGIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	1.4
1.4	1.4	1.4	4.2	4.1
7.2	5.7	5.7	14.0	1.4
8.6	7.1	7.1	18.2	6.9
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
173.6	185.5	230.6	169.5	157.2
—	—	1.9	1.8	—
5.9	—	5.5	5.1	6.4
9.9	33.8	42.7	—	28.7
5.7	—	—	2.8	—
—	1.8	6.8	7.3	3.8
195.1	221.1	287.5	186.5	196.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	—	1.4	1.4	5.4
4.3	—	4.2	4.1	1.3
5.7	4.3	1.4	5.5	5.4
44.2	37.0	46.1	57.9	32.2
10.0	7.1	19.6	5.5	6.7
44.2	44.1	40.5	42.7	36.2
109.8	92.5	113.1	117.1	87.2
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	—	4.2	4.1	—
7.1	10.0	9.8	1.4	2.7
5.7	7.1	8.4	9.6	9.4
4.3	14.2	9.8	2.8	6.7
—	2.8	—	1.4	—
15.7	10.0	9.8	15.2	6.7
35.7	44.1	41.9	34.4	25.5
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	1.4	1.4	4.1	1.3
17.1	12.8	16.8	9.6	10.7
—	2.8	—	2.8	—
18.5	17.1	18.2	16.5	12.1
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	—	—	—	—
34.2	29.9	40.5	27.5	36.2
7.1	1.4	15.4	23.4	8.1
44.2	31.3	55.9	51.0	44.3
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

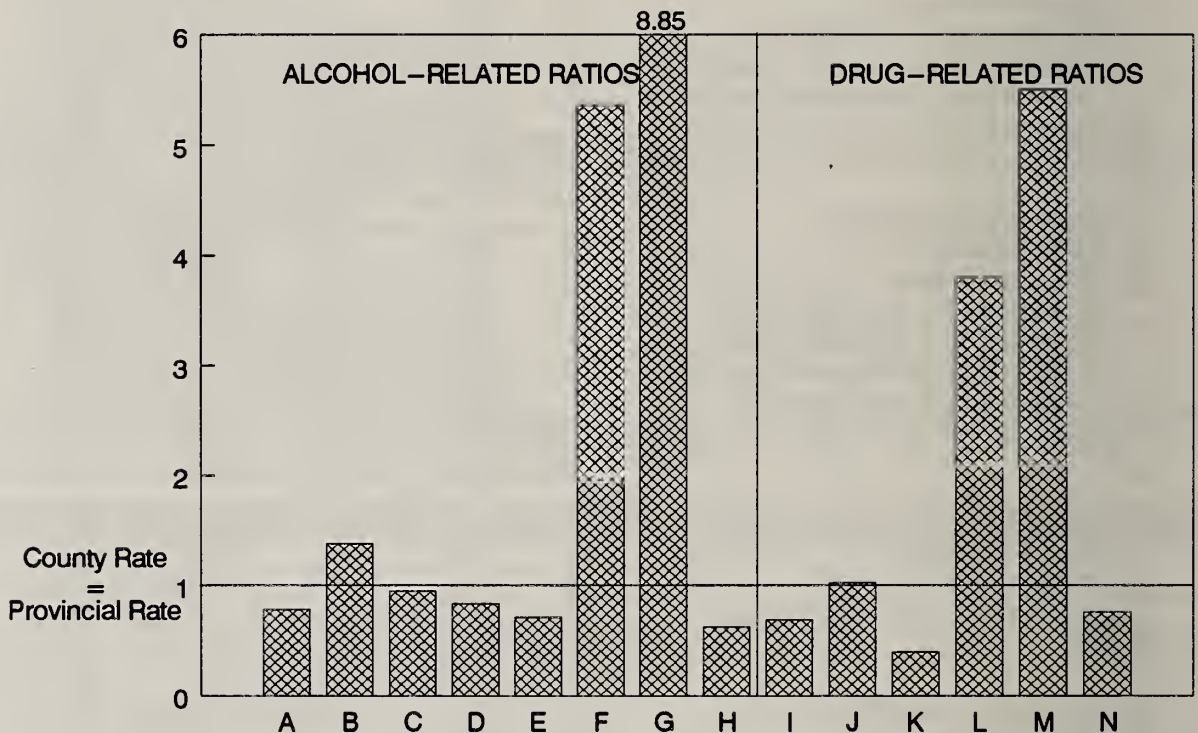
1984	1985	1986	1987	1988
1.4	—	—	1.4	—
—	5.7	1.4	—	2.8
—	—	1.4	—	—
1.4	5.7	2.8	1.4	2.8
4.1	3.4	3.5	3.6	3.6

ELGIN

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	10.3	10.0	10.0	10.2	10.4	10.7	10.9
10-14	5.9	5.7	5.7	5.5	5.6	5.6	5.7
15-19	6.3	6.1	5.9	5.9	5.8	5.9	6.0
20-29	10.6	11.2	11.7	11.0	11.8	11.1	11.3
30-39	10.0	10.0	10.1	10.4	10.2	10.7	11.1
40-49	7.4	7.5	7.8	8.0	8.6	8.4	8.7
50-59	6.8	6.7	6.5	6.6	6.6	6.7	6.8
60-64	3.5	3.5	3.5	3.5	3.4	3.6	3.7
65-74	5.1	5.2	5.3	5.4	5.6	5.6	5.9
75+	3.8	3.9	3.9	4.0	3.9	4.2	4.4
Total Population	69.6	69.9	70.1	70.3	71.6	72.6	74.5
Aged 15 and Over	53.4	54.2	54.4	54.6	55.6	56.3	57.9
Aged 20 and Over	47.1	48.1	48.5	48.7	49.8	50.4	51.9

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,302.3
	165,080
	34,511
	15,161

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
3,536	4,418	4,099	3,780	3,652
n.a.	1	3	2	2
n.a.	76	83	69	63
1,374	1,467	1,221	1,090	1,136
27	156	108	74	84
4,937	6,118	5,514	5,015	4,937

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
411	400	399	354	343
528	477	436	388	322
17	16	15	14	20
956	893	850	756	685

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
42	49	41	24	32
120	97	102	103	124
26	46	31	24	15
133	119	146	119	128
12	3	8	3	6
333	314	328	273	305

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

25	15	21	23	20
305	353	325	326	353
46	74	66	42	45
228	186	198	210	212
8	5	12	5	7
612	633	622	606	637

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	2	-	4
30	27	18	19	19
-	-	-	-	-
32	28	20	19	23

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1	-	1	-	1
12	12	9	12	12
2	-	-	3	1
15	12	10	15	14

ESSEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				8.8
				63,307
				13,235
				5,814

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,126.1	1,396.3	1,285.0	1,177.6	1,130.0
n.a.	0.3	0.9	0.6	0.6
n.a.	24.0	26.0	21.5	19.5
437.6	463.7	382.8	339.6	351.5
8.6	49.3	33.9	23.1	26.0
1,572.3	1,933.6	1,728.5	1,562.3	1,527.5
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
130.9	126.4	125.1	110.3	106.1
168.2	150.8	136.7	120.9	99.6
5.4	5.1	4.7	4.4	6.2
304.5	282.2	266.5	235.5	211.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
13.4	15.5	12.9	7.5	9.9
38.2	30.7	32.0	32.1	38.4
8.3	14.5	9.7	7.5	4.6
42.4	37.6	45.8	37.1	39.6
3.8	0.9	2.5	0.9	1.9
106.1	99.2	102.8	85.0	94.4
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

8.0	4.7	6.6	7.2	6.2
97.1	111.6	101.9	101.6	109.2
14.6	23.4	20.7	13.1	13.9
72.6	58.8	62.1	65.4	65.6
2.5	1.6	3.8	1.6	2.2
194.9	200.1	195.0	188.8	197.1
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.6	0.3	0.6	-	1.2
9.6	8.5	5.6	5.9	5.9
-	-	-	-	-
10.2	8.8	6.3	5.9	7.1
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

0.3	-	0.3	-	0.3
3.8	3.8	2.8	3.7	3.7
0.6	-	-	0.9	0.3
4.8	3.8	3.1	4.7	4.3
6.1	6.3	6.1	6.0	5.6

ESSEX

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	—	1	—
3	2	6	5	3
39	33	36	46	39
42	36	42	52	42

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
351	235	277	202	281
1	1	—	3	1
44	21	59	60	87
69	36	37	31	231
—	3	28	27	7
14	18	36	20	32
480	314	437	343	640

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
13	8	7	19	20
26	28	34	43	71
51	41	31	22	16
61	72	65	87	59
43	46	51	47	43
78	70	80	84	89
272	265	268	302	298

Secondary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

4	10	17	11	11
64	47	62	53	80
65	66	52	34	43
31	58	46	51	37
42	27	38	39	29
44	44	72	67	62
250	252	287	255	262

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	7	1	6	—
8	8	1	6	10
3	—	—	—	—
14	15	2	12	10

Secondary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

4	3	6	—	2
10	20	16	15	21
—	2	4	9	6
14	25	26	24	29

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	2	3	4	6
8	2	6	4	8
—	1	1	2	—
12	5	10	10	14

ESSEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	0.3	—	0.3	—
1.0	0.6	1.9	1.6	0.9
12.5	10.5	11.4	14.4	12.1
13.4	11.5	13.3	16.3	13.1
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
111.9	74.3	86.9	62.9	87.0
0.4	0.4	—	0.8	0.4
14.0	6.7	18.5	18.7	27.0
22.1	11.3	11.5	9.8	71.3
—	1.0	8.7	8.3	2.2
4.5	5.6	11.4	6.2	10.0
153.0	99.3	137.0	106.7	197.9
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.1	2.5	2.2	5.9	6.2
8.3	8.8	10.7	13.4	22.0
16.2	13.0	9.7	6.9	5.0
19.4	22.8	20.4	27.1	18.3
13.7	14.5	16.0	14.6	13.3
24.8	22.1	25.1	26.2	27.5
86.6	83.8	84.0	94.1	92.2
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	3.2	5.3	3.4	3.4
20.4	14.9	19.4	16.5	24.8
20.7	20.9	16.3	10.6	13.3
9.9	18.3	14.4	15.9	11.4
13.4	8.5	11.9	12.1	9.0
14.0	13.9	22.6	20.9	19.2
79.6	79.6	90.0	79.4	81.1
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.0	2.2	0.3	1.9	—
2.5	2.5	0.3	1.9	3.1
1.0	—	—	—	—
4.5	4.7	0.6	3.7	3.1
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	0.9	1.9	—	0.6
3.2	6.3	5.0	4.7	6.5
—	0.6	1.3	2.8	1.9
4.5	7.9	8.2	7.5	9.0
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

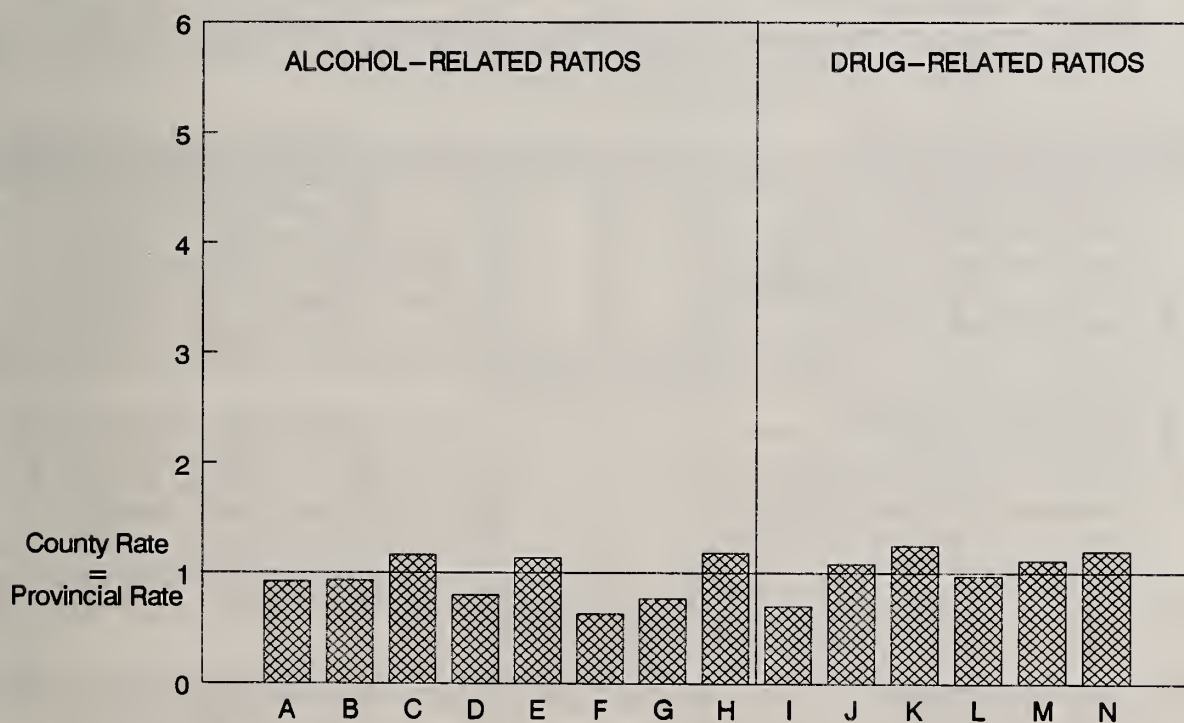
1984	1985	1986	1987	1988
1.3	0.6	0.9	1.3	1.9
2.6	0.6	1.9	1.3	2.5
—	0.3	0.3	0.6	—
3.8	1.6	3.2	3.1	4.4
4.1	3.4	3.5	3.6	3.6

ESSEX

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	43.4	43.3	43.1	43.2	43.4	44.8	44.8
10-14	25.2	24.7	24.2	23.8	23.3	23.2	22.7
15-19	28.3	27.0	26.3	26.0	25.8	24.9	24.2
20-29	52.5	54.4	55.9	55.2	55.5	54.6	53.7
30-39	45.0	45.8	46.9	48.3	48.9	49.3	50.3
40-49	33.0	33.6	34.2	35.2	37.0	38.9	41.2
50-59	33.2	32.6	32.1	31.5	31.0	30.3	30.0
60-64	14.7	15.4	15.6	15.7	15.9	15.6	15.2
65-74	19.7	19.7	20.4	21.4	22.4	23.4	24.4
75+	15.7	15.7	15.6	15.8	16.0	16.3	16.7
Total Population	310.7	312.6	314.0	316.4	319.0	321.0	323.2
Aged 15 and Over	242.1	244.6	246.7	249.4	252.3	253.0	255.7
Aged 20 and Over	213.8	217.6	220.4	223.4	226.5	228.1	231.5

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

FRONTENAC

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
Litres (thousands)	1,074.5
Estimated Low Risk Consumers	55,620
Estimated Moderate Risk Consumers	17,032
Estimated High Risk Consumers	7,777

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

	1985	1986	1987	1988	1989
Liquor Act	1,567	1,975	2,082	2,493	2,103
Impaired Operation Causing Death	n.a.	-	-	-	-
Impaired Operation Causing Bodily Harm	n.a.	3	2	5	3
Impaired Operation Over 80 mg%	578	603	549	535	462
Fail/Refuse to Provide Breath/Blood Sample	3	13	7	25	28
Total	2,148	2,594	2,640	3,058	2,596

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

	1985	1986	1987	1988	1989
Resulting in Property Damage	134	128	123	133	104
Resulting in Personal Injury	133	139	107	78	97
Resulting in Fatalities	5	9	6	5	3
Total	272	276	236	216	204

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	27	25	15	24	18
Alcohol Dependence Syndrome	81	81	70	51	49
Nondependent Abuse of Alcohol	11	18	26	19	13
Chronic Liver Disease and Cirrhosis	51	45	50	41	46
Toxic Effects of Alcohol	3	2	4	2	5
Total	173	171	165	137	131

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	14	18	33	13	25
Alcohol Dependence Syndrome	307	243	218	194	179
Nondependent Abuse of Alcohol	48	55	110	52	63
Chronic Liver Disease and Cirrhosis	103	101	88	102	97
Toxic Effects of Alcohol	1	1	1	1	1
Total	473	418	450	362	365

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	6	6	8	6	2
Alcohol Dependence Syndrome	28	27	26	39	36
Nondependent Abuse of Alcohol	-	-	1	-	3
Total	34	33	35	45	41

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	1	-	2	2	8
Alcohol Dependence Syndrome	29	18	21	25	29
Nondependent Abuse of Alcohol	-	-	-	-	2
Total	30	18	23	27	39

FRONTENAC

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.0
				56,953
				17,440
				7,963

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,367.4	1,714.4	1,793.3	2,110.9	1,742.3
n.a.	-	-	-	-
n.a.	2.6	1.7	4.2	2.5
504.4	523.4	472.9	453.0	382.8
2.6	11.3	6.0	21.2	23.2
1,874.3	2,251.7	2,273.9	2,589.3	2,150.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
116.9	111.1	105.9	112.6	86.2
116.1	120.7	92.2	66.0	80.4
4.4	7.8	5.2	4.2	2.5
237.3	239.6	203.3	182.9	169.0
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
23.6	21.7	12.9	20.3	14.9
70.7	70.3	60.3	43.2	40.6
9.6	15.6	22.4	16.1	10.8
44.5	39.1	43.1	34.7	38.1
2.6	1.7	3.4	1.7	4.1
151.0	148.4	142.1	116.0	108.5
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
12.2	15.6	28.4	11.0	20.7
267.9	210.9	187.8	164.3	148.3
41.9	47.7	94.7	44.0	52.2
89.9	87.7	75.8	86.4	80.4
0.9	0.9	0.9	0.8	0.8
412.7	362.8	387.6	306.5	302.4
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.2	5.2	6.9	5.1	1.7
24.4	23.4	22.4	33.0	29.8
-	-	0.9	-	2.5
29.7	28.6	30.1	38.1	34.0
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	-	1.7	1.7	6.6
25.3	15.6	18.1	21.2	24.0
-	-	-	-	1.7
26.2	15.6	19.8	22.9	32.3
6.1	6.3	6.1	6.0	5.6

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ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	2	1
1	5	2	1	2
12	8	6	15	10
14	13	8	18	13

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
97	82	171	159	169
—	—	—	—	—
1	4	10	5	13
21	30	31	9	17
4	3	—	—	3
1	9	18	4	1
124	128	231	177	203

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	7	6	8	4
11	9	13	13	13
10	10	11	11	3
35	23	45	25	31
8	3	1	5	4
45	37	42	46	38
119	89	118	108	93

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

5	8	9	4	7
9	14	23	22	34
63	47	40	42	23
41	48	38	21	20
3	5	4	6	3
31	37	43	26	20
152	159	157	121	107

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	—	2	3	4
17	15	15	9	9
—	—	2	—	3
19	15	19	12	16

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	2	1	1
21	14	26	23	28
—	—	4	1	3
22	14	32	25	32

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	3	3	—	2
4	5	2	3	—
—	—	—	—	—
8	8	5	3	2

FRONTENAC

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
0.9	—	—	1.7	0.8
0.9	4.4	1.7	0.9	1.7
10.6	7.0	5.2	12.9	8.5
12.3	11.3	6.9	15.5	11.0
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
84.5	70.9	147.6	134.6	140.0
—	—	—	—	—
1.2	3.7	9.0	4.2	10.9
18.2	25.8	26.4	8.0	14.1
3.5	2.7	—	—	2.3
1.1	7.7	15.7	3.4	1.2
108.5	110.7	198.7	150.1	168.6
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses	
Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
8.7	6.1	5.2	6.8	3.3
9.6	7.8	11.2	11.0	10.8
8.7	8.7	9.5	9.3	2.5
30.5	20.0	38.8	21.2	25.7
7.0	2.6	0.9	4.2	3.3
39.3	32.1	36.2	39.0	31.5
103.8	77.3	101.6	91.4	77.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses	
Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
4.4	6.9	7.8	3.4	5.8
7.9	12.2	19.8	18.6	28.2
55.0	40.8	34.5	35.6	19.1
35.8	41.7	32.7	17.8	16.6
2.6	4.3	3.4	5.1	2.5
27.1	32.1	37.0	22.0	16.6
132.6	138.0	135.2	102.5	88.6
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses	
Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
1.7	—	1.7	2.5	3.3
14.8	13.0	12.9	7.6	7.5
—	—	1.7	—	2.5
16.6	13.0	16.4	10.2	13.3
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses	
Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	—	1.7	0.8	0.8
18.3	12.2	22.4	19.5	23.2
—	—	3.4	0.8	2.5
19.2	12.2	27.6	21.2	26.5
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

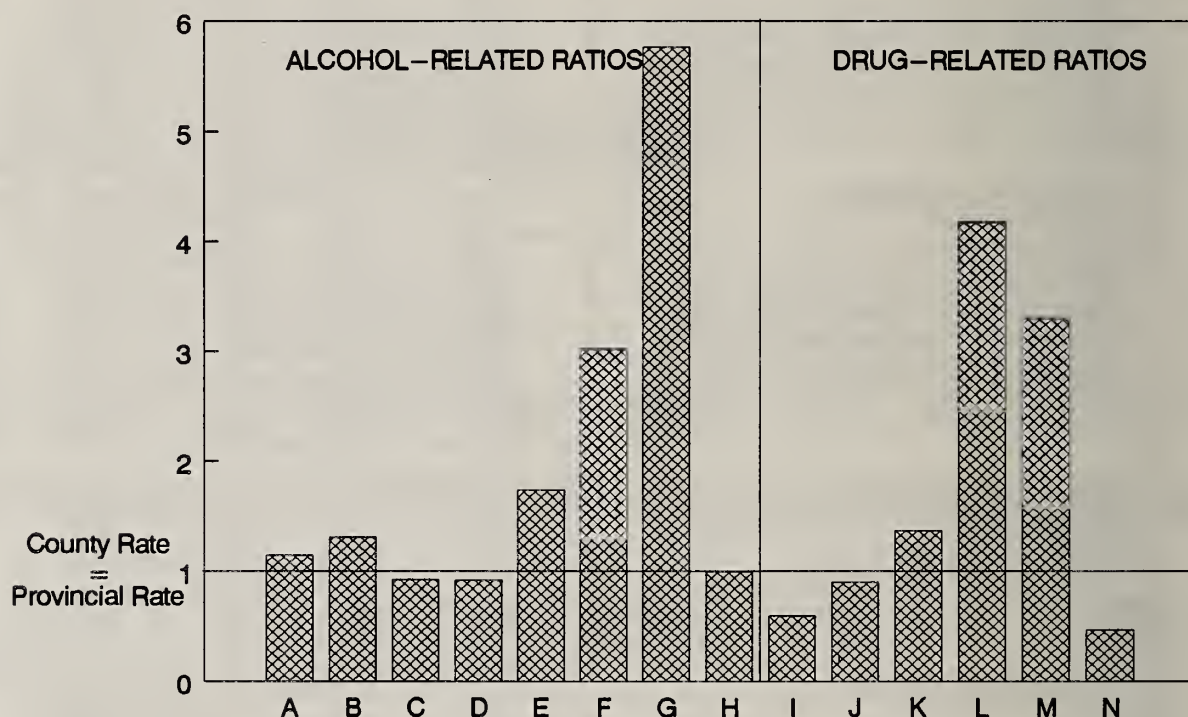
1984	1985	1986	1987	1988
3.5	2.6	2.6	—	1.7
3.5	4.4	1.7	2.6	—
—	—	—	—	—
7.0	7.0	4.3	2.6	1.7
4.1	3.4	3.5	3.6	3.6

FRONTENAC

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
	(in thousands)						
0- 9	14.0	14.5	14.7	14.6	15.1	15.5	15.6
10-14	7.5	7.6	7.4	7.2	7.2	7.3	7.4
15-19	8.9	8.1	7.6	8.4	7.8	7.9	8.6
20-29	22.7	23.5	23.0	22.5	22.7	22.2	22.9
30-39	17.2	18.5	19.6	18.2	19.1	18.4	19.1
40-49	12.4	12.9	13.1	13.4	13.8	15.0	14.6
50-59	11.6	11.5	11.3	11.6	11.3	11.3	11.9
60-64	5.1	5.3	5.4	5.7	5.2	5.6	5.9
65-74	7.4	7.3	7.6	8.4	8.6	9.2	9.0
75+	4.5	4.5	4.6	5.2	5.2	5.7	5.7
Total Population	111.0	113.6	114.6	115.2	116.1	118.1	120.7
Aged 15 and Over	89.5	91.5	92.5	93.4	93.8	95.3	97.7
Aged 20 and Over	80.6	83.4	84.6	85.0	86.0	87.4	89.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
 Estimated Low Risk Consumers
 Estimated Moderate Risk Consumers
 Estimated High Risk Consumers

				1988-89
				580.5
				36,753
				8,922
				3,961

LEGAL OFFENCES

Liquor Act
 Impaired Operation Causing Death
 Impaired Operation Causing Bodily Harm
 Impaired Operation Over 80 mg%
 Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,300	1,206	1,261	1,542	1,120
n.a.	1	-	-	-
n.a.	8	6	1	4
395	336	331	364	329
13	25	32	35	32
1,708	1,576	1,630	1,942	1,485

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
 Resulting in Personal Injury
 Resulting in Fatalities

Total

1985	1986	1987	1988	1989
87	68	85	90	65
111	112	111	71	82
7	8	3	7	12
205	188	199	168	159

HOSPITAL SEPARATIONS

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
21	15	17	26	18
102	90	73	92	68
10	14	21	18	34
29	29	38	42	32
3	9	3	9	6
165	157	152	187	158

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol
 Chronic Liver Disease and Cirrhosis
 Toxic Effects of Alcohol

Total

8	6	10	13	16
76	62	93	88	86
18	15	15	16	58
26	29	38	42	23
1	3	3	4	5
129	115	159	163	188

General Hospitals

Primary Diagnoses
 Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
2	3	3	5	4
-	1	-	-	-
2	4	3	5	4

Secondary Diagnoses

Alcoholic Psychoses
 Alcohol Dependence Syndrome
 Nondependent Abuse of Alcohol

Total

-	-	-	-	-
-	-	1	1	-
-	-	-	-	-
-	-	1	1	-

Mental Hospitals

GREY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.6
				60,981
				14,803
				6,572

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,733.3	1,614.5	1,659.2	1,979.5	1,403.5
n.a.	1.3	-	-	-
n.a.	10.7	7.9	1.3	5.0
526.7	449.8	435.5	467.3	412.3
17.3	33.5	42.1	44.9	40.1
2,277.3	2,109.8	2,144.7	2,492.9	1,860.9
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
116.0	91.0	111.8	115.5	81.5
148.0	149.9	146.1	91.1	102.8
9.3	10.7	3.9	9.0	15.0
273.3	251.7	261.8	215.7	199.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
28.0	20.1	22.4	33.4	22.6
136.0	120.5	96.1	118.1	85.2
13.3	18.7	27.6	23.1	42.6
38.7	38.8	50.0	53.9	40.1
4.0	12.0	3.9	11.6	7.5
220.0	210.2	200.0	240.1	198.0
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

10.7	8.0	13.2	16.7	20.1
101.3	83.0	122.4	113.0	107.8
24.0	20.1	19.7	20.5	72.7
34.7	38.8	50.0	53.9	28.8
1.3	4.0	3.9	5.1	6.3
172.0	153.9	209.2	209.2	235.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
2.7	4.0	3.9	6.4	5.0
-	1.3	-	-	-
2.7	5.4	3.9	6.4	5.0
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	-	-
-	-	1.3	1.3	-
-	-	-	-	-
-	-	1.3	1.3	-
6.1	6.3	6.1	6.0	5.6

GREY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	—	—	—
3	—	1	2	1
11	14	7	6	11
14	15	8	8	12

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
115	123	101	110	144
1	4	—	—	—
10	8	5	16	4
7	18	12	16	30
—	—	—	—	3
—	6	5	3	15
133	159	123	144	195

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	5	6	4	4
4	9	5	4	5
6	3	2	1	3
23	23	24	18	23
13	9	9	3	4
25	22	18	20	18
73	71	64	50	57

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	2	4	9	1
5	4	9	11	5
5	4	8	10	13
11	10	5	12	13
1	2	2	7	2
17	13	28	18	16
41	35	56	67	50

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
2	1	—	1	1
—	—	—	—	1
2	1	—	1	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
—	—	2	2	2
—	—	1	2	1
1	—	3	4	3

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	1	1	1
1	1	2	4	2
—	—	—	—	—
2	1	3	5	3

GREY

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	1.3	—	—	—
4.0	—	1.3	2.6	1.3
14.7	18.7	9.4	7.9	14.1
18.7	20.0	10.7	10.5	15.4
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
154.0	164.8	132.7	141.1	180.0
1.7	4.8	—	—	—
12.9	11.4	6.9	20.5	4.5
9.2	23.8	16.1	20.2	37.5
—	—	—	—	3.5
—	8.4	6.4	3.4	19.3
177.8	213.3	162.0	185.2	244.8
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.7	6.7	7.9	5.1	5.0
5.3	12.0	6.6	5.1	6.3
8.0	4.0	2.6	1.3	3.8
30.7	30.8	31.6	23.1	28.8
17.3	12.0	11.8	3.9	5.0
33.3	29.5	23.7	25.7	22.6
97.3	95.0	84.2	64.2	71.4
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.7	2.7	5.3	11.6	1.3
6.7	5.4	11.8	14.1	6.3
6.7	5.4	10.5	12.8	16.3
14.7	13.4	6.6	15.4	16.3
1.3	2.7	2.6	9.0	2.5
22.7	17.4	36.8	23.1	20.1
54.7	46.9	73.7	86.0	62.7
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
2.7	1.3	—	1.3	1.3
—	—	—	—	1.3
2.7	1.3	—	1.3	2.5
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1.3	—	—	—	—
—	—	2.6	2.6	2.5
—	—	1.3	2.6	1.3
1.3	—	3.9	5.1	3.8
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

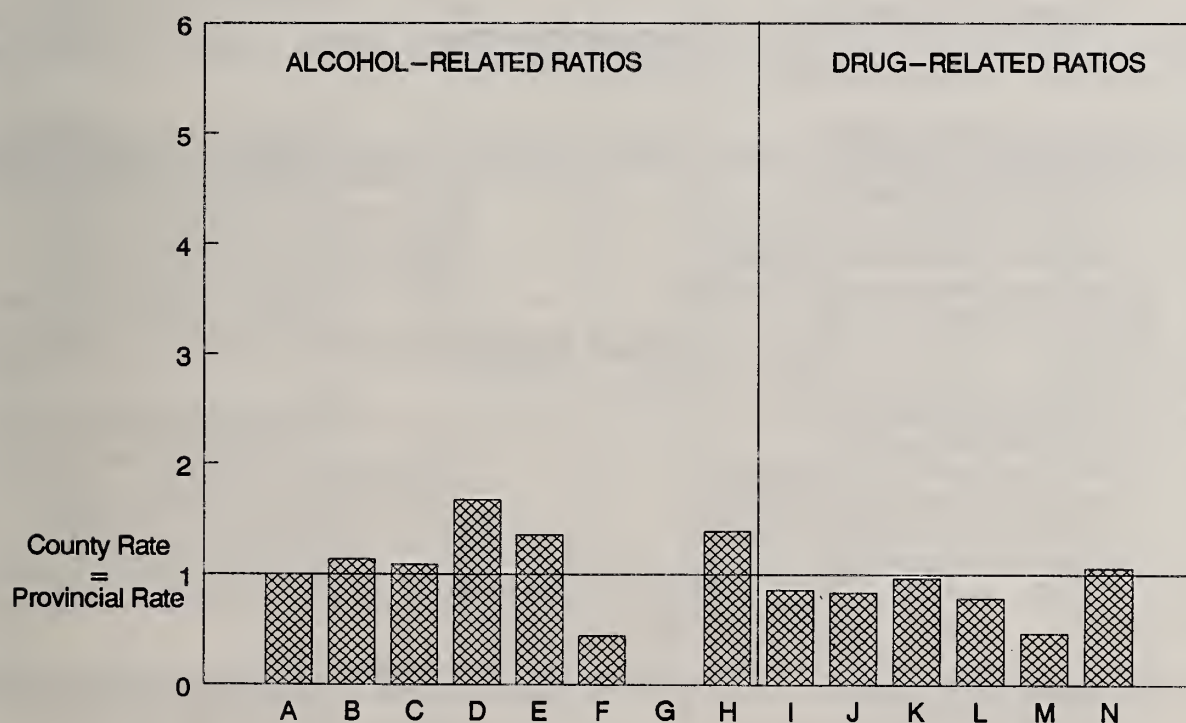
County
Province

1984	1985	1986	1987	1988
1.3	—	1.3	1.3	1.3
1.3	1.3	2.7	5.3	2.6
—	—	—	—	—
2.7	1.3	4.0	6.6	3.9
4.1	3.4	3.5	3.6	3.6

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	9.7	9.7	9.8	10.5	10.7	11.1	11.3
10-14	5.4	5.4	5.3	5.5	5.6	5.7	5.7
15-19	6.5	6.1	5.7	5.7	5.8	5.8	5.9
20-29	11.4	11.7	12.2	10.4	10.5	10.8	10.8
30-39	10.3	10.7	11.0	11.2	11.3	11.5	11.9
40-49	7.7	8.0	7.9	8.1	8.2	8.4	8.8
50-59	7.9	7.8	7.5	7.8	7.8	7.9	8.2
60-64	3.9	4.0	3.9	4.0	4.1	4.2	4.3
65-74	6.6	6.6	6.7	6.8	6.9	7.1	7.4
75+	4.8	4.9	5.0	5.0	5.0	5.3	5.5
Total Population	74.4	74.8	75.0	74.7	76.0	77.9	79.8
Aged 15 and Over	59.3	59.7	59.9	58.7	59.7	61.1	62.8
Aged 20 and Over	52.8	53.6	54.2	53.0	53.9	55.3	56.9

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				653.2
				44,641
				9,920
				4,373

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
2,612	2,684	2,707	2,543	2,632
n.a.	1	3	2	1
n.a.	6	3	2	4
616	601	571	596	666
2	14	10	40	49
3,230	3,306	3,294	3,183	3,352

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
130	97	121	102	123
156	127	143	122	133
10	6	12	8	9
296	230	276	232	265

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	6	8	7	7
53	55	63	53	34
7	13	15	14	26
54	44	57	61	38
7	3	5	4	4
127	121	148	139	109

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

4	4	7	11	6
68	62	47	67	74
15	13	16	20	15
49	42	41	54	46
3	3	5	5	2
139	124	116	157	143

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	-	-	-
25	15	18	10	15
-	-	2	-	-
26	16	20	10	15

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	1	2	-	-
10	10	10	5	10
1	1	1	-	3
11	12	13	5	13

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.1
				62,383
				13,862
				6,111

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,908.7	2,978.9	2,958.5	2,708.2	2,747.4
n.a.	1.1	3.3	2.1	1.0
n.a.	6.7	3.3	2.1	4.2
686.0	667.0	624.0	634.7	695.2
2.2	15.5	10.9	42.6	51.1
3,596.9	3,669.3	3,600.0	3,389.8	3,499.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
144.8	107.7	132.2	108.6	128.4
173.7	141.0	156.3	129.9	138.8
11.1	6.7	13.1	8.5	9.4
329.6	255.3	301.6	247.1	276.6
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
6.7	6.7	8.7	7.5	7.3
59.0	61.0	68.9	56.4	35.5
7.8	14.4	16.4	14.9	27.1
60.1	48.8	62.3	65.0	39.7
7.8	3.3	5.5	4.3	4.2
141.4	134.3	161.7	148.0	113.8
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.5	4.4	7.7	11.7	6.3
75.7	68.8	51.4	71.4	77.2
16.7	14.4	17.5	21.3	15.7
54.6	46.6	44.8	57.5	48.0
3.3	3.3	5.5	5.3	2.1
154.8	137.6	126.8	167.2	149.3
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.1	1.1	-	-	-
27.8	16.6	19.7	10.6	15.7
-	-	2.2	-	-
29.0	17.8	21.9	10.6	15.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	1.1	2.2	-	-
11.1	11.1	10.9	5.3	10.4
1.1	1.1	1.1	-	3.1
12.2	13.3	14.2	5.3	13.6
6.1	6.3	6.1	6.0	5.6

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	—	—
1	—	1	—	3
11	12	5	8	8
13	12	6	8	11

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
137	100	174	151	197
—	—	—	—	1
7	4	9	6	26
7	12	55	9	—
1	—	2	6	3
12	4	9	1	7
163	120	248	174	234

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	1	—	1
6	3	4	4	2
1	1	5	4	2
15	20	15	29	32
11	9	9	10	11
32	18	25	22	40
66	51	59	69	88

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	3	2	3	2
4	11	4	8	4
5	2	4	5	9
13	17	9	12	12
5	2	6	3	3
8	13	6	10	8
37	48	31	41	38

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	2	1	2	1
6	3	3	—	6
—	1	1	1	—
8	6	5	3	7

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	1	—	1	—
3	3	6	2	5
—	6	3	5	3
4	10	9	8	8

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	1	2	—	—
4	1	2	3	1
—	—	—	1	—
5	2	4	4	1

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis
County
Province

1984	1985	1986	1987	1988
1.1	—	—	—	—
1.1	—	1.1	—	3.2
12.2	13.4	5.5	8.7	8.5
14.5	13.4	6.7	8.7	11.7
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs
County
Province

1985	1986	1987	1988	1989
152.1	110.9	190.1	160.3	205.4
—	—	—	—	1.3
7.7	4.7	10.0	6.5	27.5
7.7	13.2	60.2	10.0	—
1.5	—	1.7	6.5	3.0
13.0	4.2	9.3	1.4	7.3
182.0	133.0	271.3	184.9	244.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	Poisoning by Analgesics, Antipyretics...
	Poisoning by Sedatives and Hypnotics
	Poisoning by Psychotropic Agents
	County
	Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.1	—	1.1	—	1.0
6.7	3.3	4.4	4.3	2.1
1.1	1.1	5.5	4.3	2.1
16.7	22.2	16.4	30.9	33.4
12.2	10.0	9.8	10.6	11.5
35.6	20.0	27.3	23.4	41.8
73.5	56.6	64.5	73.5	91.9
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	Poisoning by Analgesics, Antipyretics...
	Poisoning by Sedatives and Hypnotics
	Poisoning by Psychotropic Agents
	County Province

2.2	3.3	2.2	3.2	2.1
4.5	12.2	4.4	8.5	4.2
5.6	2.2	4.4	5.3	9.4
14.5	18.9	9.8	12.8	12.5
5.6	2.2	6.6	3.2	3.1
8.9	14.4	6.6	10.6	8.4
41.2	53.3	33.9	43.7	39.7
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.2	2.2	1.1	2.1	1.0
6.7	3.3	3.3	—	6.3
—	1.1	1.1	1.1	—
8.9	6.7	5.5	3.2	7.3
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County Province

1.1	1.1	—	1.1	—
3.3	3.3	6.6	2.1	5.2
—	6.7	3.3	5.3	3.1
4.5	11.1	9.8	8.5	8.4
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined
County
Province

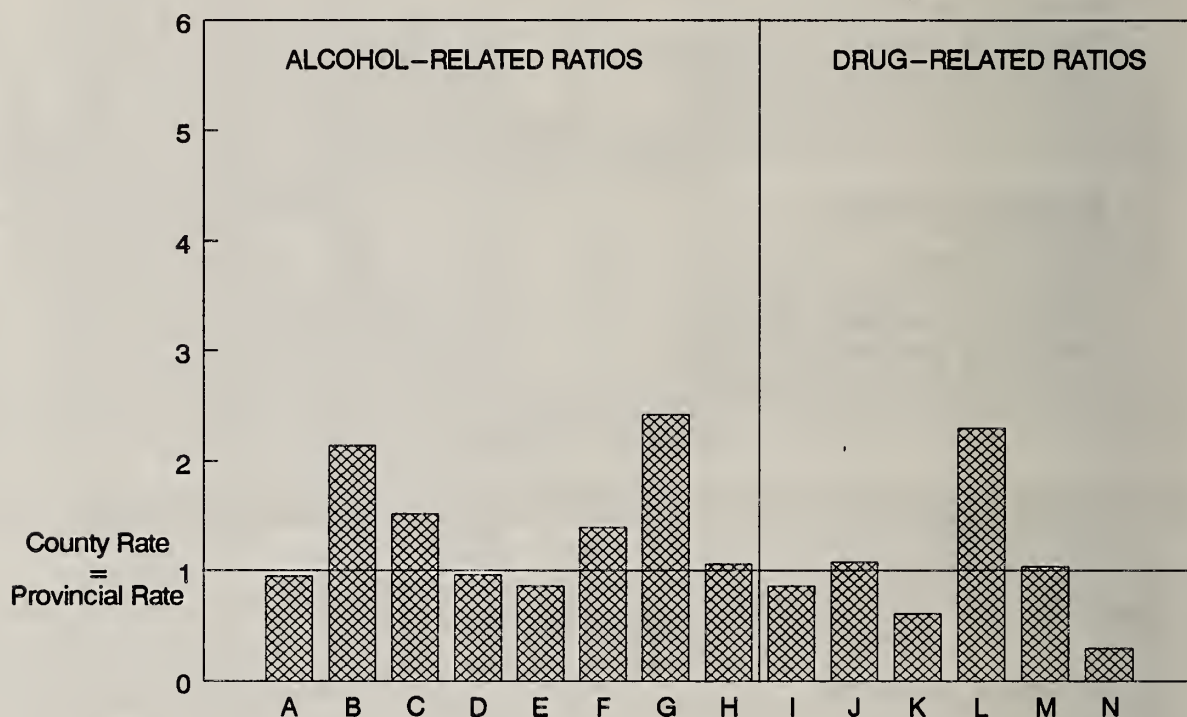
1984	1985	1986	1987	1988
1.1	1.1	2.2	—	—
4.4	1.1	2.2	3.3	1.1
—	—	—	1.1	—
5.6	2.2	4.4	4.4	1.1
4.1	3.4	3.5	3.6	3.6

HALDIMAND-NORFOLK REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	13.3	13.4	13.5	13.8	13.5	13.8	14.6
10-14	7.1	6.9	6.8	6.7	6.6	6.7	7.0
15-19	7.9	7.6	7.2	7.1	7.2	7.2	7.3
20-29	14.9	15.5	15.8	14.0	14.3	14.7	14.3
30-39	12.7	12.9	13.0	13.9	14.0	14.2	15.0
40-49	9.3	9.4	9.5	10.1	10.6	11.4	11.1
50-59	9.2	9.0	8.9	9.0	9.0	8.9	9.4
60-64	4.3	4.3	4.3	4.4	4.5	4.4	4.7
65-74	6.4	6.4	6.4	6.4	6.9	7.1	7.3
75+	4.4	4.4	4.5	4.7	4.9	5.3	5.1
Total Population	89.7	89.9	89.8	90.1	91.5	93.9	95.8
Aged 15 and Over	69.3	69.6	69.5	69.8	71.4	73.4	74.2
Aged 20 and Over	61.4	62.0	62.3	62.7	64.2	66.2	66.9

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HALIBURTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	184.0
	3,653
	2,946
	1,702

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
181	201	135	180	253
n.a.	-	-	-	-
n.a.	-	-	-	3
74	89	48	55	71
-	2	2	3	3
255	292	185	238	330

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
26	23	35	30	30
34	32	23	41	21
4	3	3	5	2
64	58	61	76	53

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
7	-	2	2	1
15	21	22	17	7
4	2	3	1	1
6	5	5	9	11
1	1	1	-	1
33	29	33	29	21

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

4	3	-	5	3
19	16	29	23	21
3	1	3	2	4
10	5	4	7	9
-	1	-	-	-
36	26	36	37	37

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	-	-
1	-	-	2	1
-	-	-	-	-
1	1	-	2	1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	1	-	-
1	-	1	1	-
-	-	-	-	-
1	-	2	1	-

HALIBURTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				18.3
				36,240
				29,226
				16,885

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,533.9	1,675.0	1,106.6	1,406.3	1,902.3
n.a.	-	-	-	-
n.a.	-	-	-	22.6
627.1	741.7	393.4	429.7	533.8
-	16.7	16.4	23.4	22.6
2,161.0	2,433.3	1,516.4	1,859.4	2,481.2
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
220.3	191.7	286.9	234.4	225.6
288.1	266.7	188.5	320.3	157.9
33.9	25.0	24.6	39.1	15.0
542.4	483.3	500.0	593.8	398.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
59.3	-	16.4	15.6	7.5
127.1	175.0	180.3	132.8	52.6
33.9	16.7	24.6	7.8	7.5
50.8	41.7	41.0	70.3	82.7
8.5	8.3	8.2	-	7.5
279.7	241.7	270.5	226.6	157.9
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

33.9	25.0	-	39.1	22.6
161.0	133.3	237.7	179.7	157.9
25.4	8.3	24.6	15.6	30.1
84.7	41.7	32.8	54.7	67.7
-	8.3	-	-	-
305.1	216.7	295.1	289.1	278.2
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	8.3	-	-	-
8.5	-	-	15.6	7.5
-	-	-	-	-
8.5	8.3	-	15.6	7.5
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	8.2	-	-
8.5	-	8.2	7.8	-
-	-	-	-	-
8.5	-	16.4	7.8	-
6.1	6.3	6.1	6.0	5.6

HALIBURTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
1	—	—	—	2
1	1	1	1	—
2	1	1	1	2

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
9	10	9	33	21
—	—	—	—	—
—	—	1	6	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	1
9	10	10	40	22

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	1	—	—	—
1	4	3	1	1
1	1	—	1	—
1	1	1	2	1
—	—	1	1	—
3	2	5	1	2
6	9	10	6	4

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

—	—	—	1	—
1	3	2	3	—
4	3	5	8	9
1	—	2	1	1
—	—	1	1	—
—	—	—	1	2
6	6	10	15	12

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	—
—	—	—	1	—
—	—	—	—	—
—	—	—	1	—

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	—	—	—	—
—	—	1	—	—
—	—	—	—	—
—	—	1	—	—

HALIBURTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
8.5	—	—	—	15.6
8.5	8.5	8.3	8.2	—
16.9	8.5	8.3	8.2	15.6
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
73.7	81.3	72.3	261.4	154.3
—	—	—	—	—
—	—	10.7	47.9	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	10.5
73.7	81.3	83.0	309.3	164.8
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	8.3	—	—	—
8.5	33.3	24.6	7.8	7.5
8.5	8.3	—	7.8	—
8.5	8.3	8.2	15.6	7.5
—	—	8.2	7.8	—
25.4	16.7	41.0	7.8	15.0
50.8	75.0	82.0	46.9	30.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

—	—	—	7.8	—
8.5	25.0	16.4	23.4	—
33.9	25.0	41.0	62.5	67.7
8.5	—	16.4	7.8	7.5
—	—	8.2	7.8	—
—	—	—	7.8	15.0
50.8	50.0	82.0	117.2	90.2
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	—
—	—	—	7.8	—
—	—	—	—	—
—	—	—	7.8	—
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

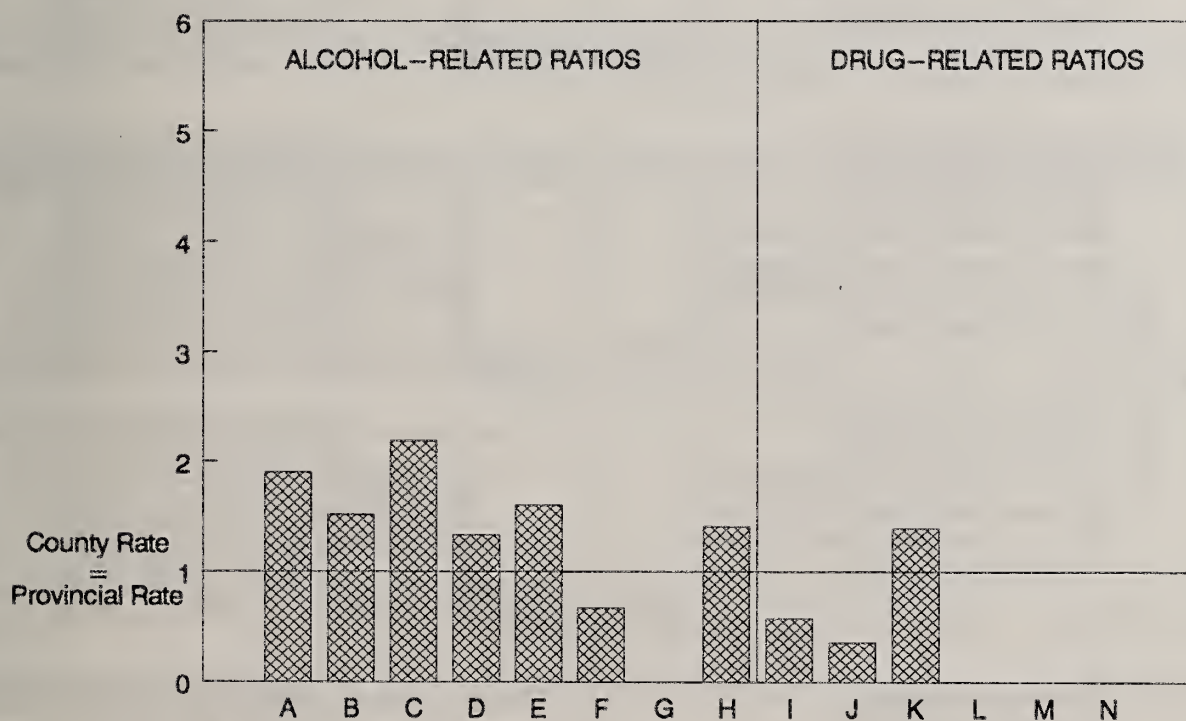
1984	1985	1986	1987	1988
—	—	—	—	—
—	—	8.3	—	—
—	—	—	—	—
—	—	8.3	—	—
4.1	3.4	3.5	3.6	3.6

HALIBURTON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	1.2	1.2	1.3	1.5	1.5	1.6	1.5
10-14	0.8	0.8	0.7	0.7	0.7	0.8	0.8
15-19	0.9	0.8	0.8	0.8	0.8	0.8	0.9
20-29	1.4	1.4	1.4	1.5	1.4	1.4	1.5
30-39	1.5	1.6	1.5	1.6	1.6	1.7	1.8
40-49	1.2	1.2	1.2	1.2	1.2	1.2	1.4
50-59	1.3	1.3	1.3	1.5	1.5	1.6	1.6
60-64	0.9	0.9	0.9	0.9	1.0	1.0	1.0
65-74	1.5	1.7	1.8	1.6	1.6	1.9	1.9
75+	0.8	0.8	0.9	0.9	0.9	0.9	0.9
Total Population	11.6	11.8	11.8	12.0	12.2	12.8	13.3
Aged 15 and Over	9.6	9.8	9.8	9.8	10.0	10.4	11.0
Aged 20 and Over	8.7	9.0	9.0	9.0	9.2	9.6	10.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

HALTON REGIONAL MUNICIPALITY

ALCOHOL—RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988—89
				2,114.6
				142,346
				32,106
				14,175

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
2,927	3,230	3,394	3,432	3,598
n.a.	1	5	2	—
n.a.	9	27	20	20
1,101	1,166	1,137	977	989
129	50	35	124	116
4,157	4,456	4,598	4,555	4,723

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
294	226	229	256	263
283	241	281	238	212
16	16	15	18	11
593	483	525	512	486

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

1985—86	1986—87	1987—88	1988—89	1989—90
29	32	23	34	41
146	135	150	155	107
37	33	34	43	52
88	72	88	81	71
9	6	5	11	8
309	278	300	324	279

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

12	16	20	20	24
175	178	194	181	189
28	35	53	50	50
102	107	121	105	124
5	—	5	5	7
322	336	393	361	394

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1985—86	1986—87	1987—88	1988—89	1989—90
—	1	—	—	—
1	—	2	3	1
—	—	—	—	1
1	1	2	3	2

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1	—	—	—	—
1	1	—	—	1
—	—	1	—	2
2	1	1	—	3

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.2
				62,149
				14,018
				6,189

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,100.0	1,190.1	1,210.8	1,176.6	1,195.7
n.a.	0.4	1.8	0.7	-
n.a.	3.3	9.6	6.9	6.6
413.8	429.6	405.6	334.9	328.7
48.5	18.4	12.5	42.5	38.6
1,562.2	1,641.9	1,640.4	1,561.5	1,569.6
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
110.5	83.3	81.7	87.8	87.4
106.4	88.8	100.2	81.6	70.5
6.0	5.9	5.4	6.2	3.7
222.8	178.0	187.3	175.5	161.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.9	11.8	8.2	11.7	13.6
54.9	49.7	53.5	53.1	35.6
13.9	12.2	12.1	14.7	17.3
33.1	26.5	31.4	27.8	23.6
3.4	2.2	1.8	3.8	2.7
116.1	102.4	107.0	111.1	92.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

4.5	5.9	7.1	6.9	8.0
65.8	65.6	69.2	62.1	62.8
10.5	12.9	18.9	17.1	16.6
38.3	39.4	43.2	36.0	41.2
1.9	-	1.8	1.7	2.3
121.0	123.8	140.2	123.8	130.9
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.4	-	-	-
0.4	-	0.7	1.0	0.3
-	-	-	-	0.3
0.4	0.4	0.7	1.0	0.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

0.4	-	-	-	-
0.4	0.4	-	-	0.3
-	-	0.4	-	0.7
0.8	0.4	0.4	-	1.0
6.1	6.3	6.1	6.0	5.6

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	—	—
1	3	1	—	2
17	25	26	20	21
19	28	27	20	23

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
421	280	348	298	337
1	—	4	1	—
25	13	38	27	29
7	42	24	—	17
3	2	2	2	1
22	9	15	15	20
479	345	431	342	404

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	6	7	3	10
12	16	19	19	19
8	5	13	16	20
47	53	67	62	66
26	17	15	15	18
49	68	48	49	59
151	165	169	164	192

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

8	2	3	4	5
16	16	19	22	22
14	26	24	34	46
42	44	43	59	55
7	12	29	25	23
37	43	48	41	44
124	143	166	185	195

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	2	—	1	—
—	1	1	—	2
—	1	1	—	—
2	4	2	1	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	1	—
1	—	—	1	2
2	2	—	2	3
4	2	—	4	5

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	3	2	1	1
3	7	3	3	2
1	—	—	1	—
4	10	5	5	3

HALTON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis
County
Province

1984	1985	1986	1987	1988
0.4	—	—	—	—
0.4	1.1	0.4	—	0.7
6.5	9.4	9.6	7.1	7.2
7.2	10.5	9.9	7.1	7.9
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs
County
Province

1985	1986	1987	1988	1989
158.2	103.3	124.1	102.0	111.9
0.5	—	1.5	0.5	—
9.3	4.7	13.6	9.3	9.5
2.6	15.3	8.7	—	5.7
1.0	0.6	0.6	0.7	0.5
8.3	3.3	5.2	5.0	6.5
179.9	127.1	153.6	117.4	134.1
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
		Province
	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.4	2.2	2.5	1.0	3.3
4.5	5.9	6.8	6.5	6.3
3.0	1.8	4.6	5.5	6.6
17.7	19.5	23.9	21.3	21.9
9.8	6.3	5.4	5.1	6.0
18.4	25.1	17.1	16.8	19.6
56.7	60.8	60.3	56.2	63.8
73.5	77.7	87.3	86.6	85.1

1985-86	1986-87	1987-88	1988-89	1989-90
3.0	0.7	1.1	1.4	1.7
6.0	5.9	6.8	7.5	7.3
5.3	9.6	8.6	11.7	15.3
15.8	16.2	15.3	20.2	18.3
2.6	4.4	10.3	8.6	7.6
13.9	15.8	17.1	14.1	14.6
46.6	52.7	59.2	63.4	64.8
60.7	59.5	64.8	71.0	64.8

Mental Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province
	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
0.8	0.7	—	0.3	—
—	0.4	0.4	—	0.7
—	0.4	0.4	—	—
0.8	1.5	0.7	0.3	0.7
4.0	3.6	3.1	3.5	3.2

1985-86	1986-87	1987-88	1988-89	1989-90
0.4	—	—	0.3	—
0.4	—	—	0.3	0.7
0.8	0.7	—	0.7	1.0
1.5	0.7	—	1.4	1.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined
County
Province

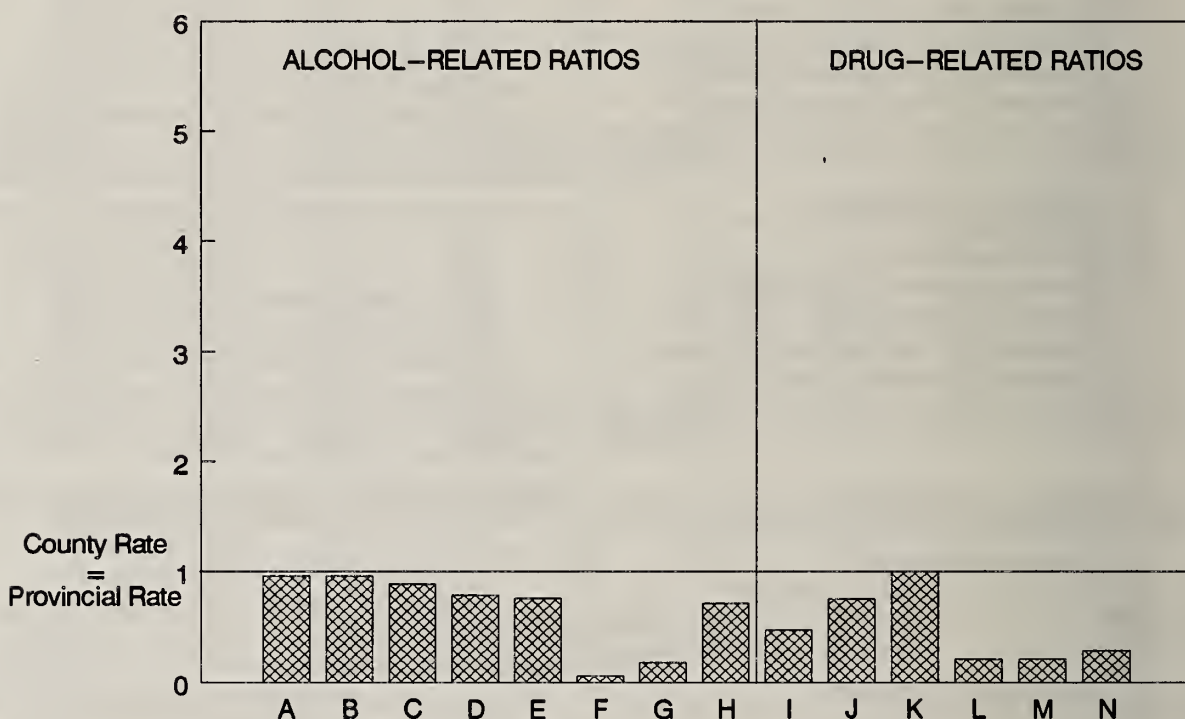
1984	1985	1986	1987	1988
—	1.1	0.7	0.4	0.3
1.1	2.6	1.1	1.1	0.7
0.4	—	—	0.4	—
1.5	3.8	1.8	1.8	1.0
4.1	3.4	3.5	3.6	3.6

HALTON REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	36.4	36.4	36.2	37.4	38.8	39.9	42.0
10-14	22.1	21.7	21.4	20.9	20.9	20.2	22.8
15-19	24.2	23.3	22.7	23.0	22.9	22.8	24.7
20-29	42.1	43.4	44.7	43.8	43.5	42.5	47.3
30-39	43.6	43.5	43.8	45.0	47.4	51.8	50.3
40-49	34.5	35.6	36.6	38.0	41.0	45.0	43.5
50-59	27.9	28.2	28.6	29.1	29.5	29.8	31.6
60-64	10.0	10.8	11.3	11.7	12.1	12.6	12.9
65-74	12.2	12.4	13.2	14.3	15.4	17.0	16.3
75+	7.2	7.7	8.0	8.3	9.0	10.2	9.5
Total Population	260.1	263.0	266.1	271.4	280.3	291.7	300.9
Aged 15 and Over	201.6	204.9	208.5	213.1	220.6	231.6	236.1
Aged 20 and Over	177.4	181.6	185.8	190.1	197.7	208.8	211.4

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				3,320.7
				213,603
				5,108
				22,657

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
3,847	3,655	5,002	4,753	4,044
n.a.	1	1	-	1
n.a.	8	9	7	11
1,373	1,138	1,384	1,193	1,155
255	182	259	205	193
5,475	4,984	6,655	6,158	5,404

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
346	326	324	381	363
426	385	373	299	283
16	12	21	14	11
788	723	718	694	657

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
67	75	75	70	72
292	294	258	232	61
28	28	33	13	13
159	152	184	128	122
8	7	10	6	4
554	556	560	449	272

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

43	60	81	41	63
397	426	493	400	392
42	51	67	60	53
267	214	240	203	201
19	9	9	3	5
768	760	890	707	714

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	4	7	7	2
15	27	23	17	10
1	1	4	4	5
22	32	34	28	17

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	2	-	5	-
9	18	25	22	12
3	4	2	4	2
12	24	27	31	14

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.5
				61,222
				1,464
				6,494

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
914.0	863.2	1,163.8	1,099.5	923.9
n.a.	0.2	0.2	-	0.2
n.a.	1.9	2.1	1.6	2.5
326.2	268.8	322.0	276.0	263.9
60.6	43.0	60.3	47.4	44.1
1,300.8	1,177.1	1,548.4	1,424.5	1,234.6
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
82.2	77.0	75.4	88.1	82.9
101.2	90.9	86.8	69.2	64.7
3.8	2.8	4.9	3.2	2.5
187.2	170.8	167.1	160.5	150.1
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
15.9	17.7	17.4	16.2	16.4
69.4	69.4	60.0	53.7	13.9
6.7	6.6	7.7	3.0	3.0
37.8	35.9	42.8	29.6	27.9
1.9	1.7	2.3	1.4	0.9
131.6	131.3	130.3	103.9	62.1
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.2	14.2	18.8	9.5	14.4
94.3	100.6	114.7	92.5	89.6
10.0	12.0	15.6	13.9	12.1
63.4	50.5	55.8	47.0	45.9
4.5	2.1	2.1	0.7	1.1
182.5	179.5	207.1	163.5	163.1
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	0.9	1.6	1.6	0.5
3.6	6.4	5.4	3.9	2.3
0.2	0.2	0.9	0.9	1.1
5.2	7.6	7.9	6.5	3.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.5	-	1.2	-
2.1	4.3	5.8	5.1	2.7
0.7	0.9	0.5	0.9	0.5
2.9	5.7	6.3	7.2	3.2
6.1	6.3	6.1	6.0	5.6

General Hospitals

Mental Hospitals

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	1	1	1
3	3	3	9	7
46	57	42	56	41
50	60	46	66	49

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
1,146	820	1,008	1,351	1,011
1	—	—	—	1
50	54	81	129	118
21	12	6	13	4
7	16	—	—	—
41	30	38	53	45
1,266	932	1,133	1,546	1,180

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	10	10	11	12
14	19	26	20	19
13	7	16	9	5
58	69	74	92	73
25	28	28	28	19
86	89	104	99	109
206	222	258	259	237

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

9	8	11	10	14
31	45	42	39	46
44	38	51	63	53
78	63	60	53	69
27	23	17	20	5
95	89	88	91	85
284	266	269	276	272

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	7	1	23	4
9	9	—	7	6
4	6	1	10	3
23	22	2	40	13

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

3	—	2	3	2
2	3	12	11	17
4	11	3	18	7
9	14	17	32	26

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
9	4	7	5	5
6	7	14	9	15
—	1	2	1	2
15	12	23	15	22

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.2	—	0.2	0.2	0.2
0.7	0.7	0.7	2.1	1.6
11.0	13.5	9.9	13.0	9.5
12.0	14.3	10.9	15.4	11.3
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
272.3	193.7	234.6	312.6	231.1
0.3	—	—	—	0.3
11.8	12.7	18.9	29.8	27.1
4.9	2.8	1.4	2.9	1.0
1.6	3.7	—	—	—
9.8	7.1	8.8	12.2	10.2
300.8	220.1	263.7	357.6	269.7
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.4	2.4	2.3	2.5	2.7
3.3	4.5	6.0	4.6	4.3
3.1	1.7	3.7	2.1	1.1
13.8	16.3	17.2	21.3	16.7
5.9	6.6	6.5	6.5	4.3
20.4	21.0	24.2	22.9	24.9
48.9	52.4	60.0	59.9	54.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.1	1.9	2.6	2.3	3.2
7.4	10.6	9.8	9.0	10.5
10.5	9.0	11.9	14.6	12.1
18.5	14.9	14.0	12.3	15.8
6.4	5.4	4.0	4.6	1.1
22.6	21.0	20.5	21.1	19.4
67.5	62.8	62.6	63.8	62.1
60.7	59.5	64.8	71.0	64.8

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.4	1.7	0.2	5.3	0.9
2.1	2.1	—	1.6	1.4
1.0	1.4	0.2	2.3	0.7
5.5	5.2	0.5	9.3	3.0
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

0.7	—	0.5	0.7	0.5
0.5	0.7	2.8	2.5	3.9
1.0	2.6	0.7	4.2	1.6
2.1	3.3	4.0	7.4	5.9
6.6	7.2	8.4	8.7	8.0

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

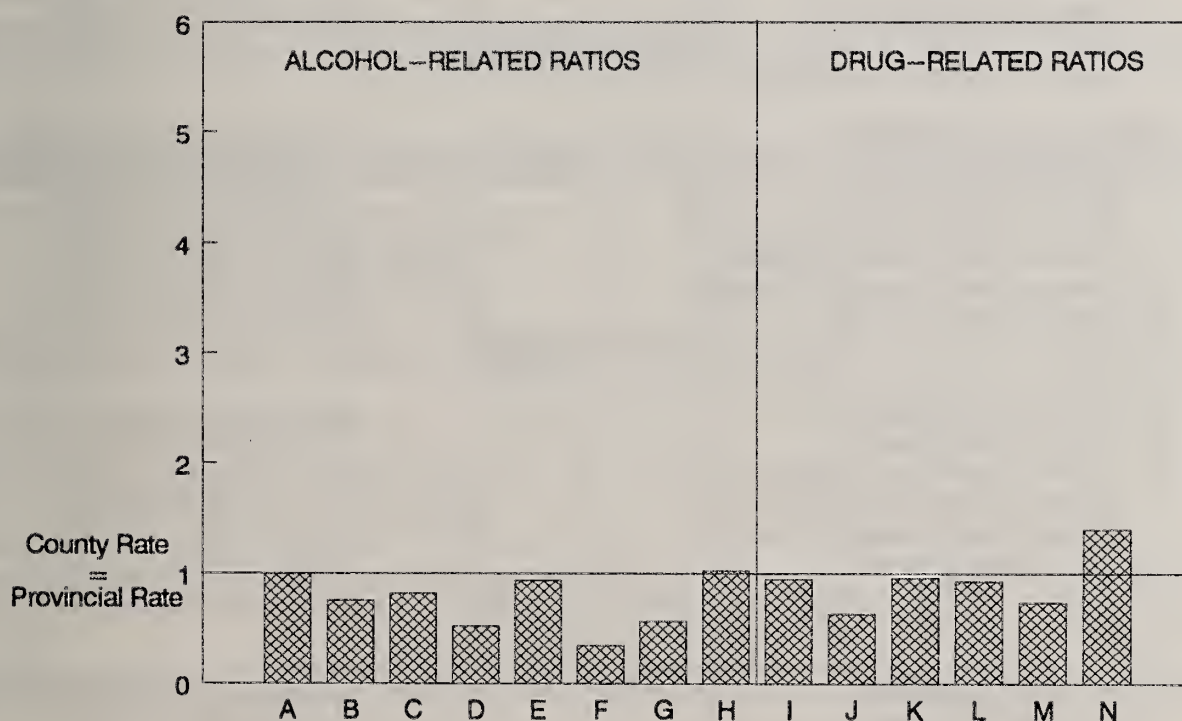
1984	1985	1986	1987	1988
2.2	1.0	1.7	1.2	1.2
1.4	1.7	3.3	2.1	3.5
—	0.2	0.5	0.2	0.5
3.6	2.9	5.4	3.5	5.1
4.1	3.4	3.5	3.6	3.6

HAMILTON-WENTWORTH REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	53.9	54.0	54.6	55.0	55.9	57.1	56.8
10-14	29.5	28.8	28.3	27.5	28.2	28.2	25.4
15-19	34.3	32.6	31.3	31.2	31.6	31.2	29.2
20-29	76.0	76.9	77.5	75.7	76.8	76.5	74.0
30-39	60.5	62.0	64.5	65.9	66.8	67.2	70.5
40-49	45.3	45.7	45.9	47.6	48.4	49.4	56.9
50-59	48.2	47.5	46.5	45.7	46.2	46.0	43.5
60-64	21.3	22.5	23.2	23.2	23.6	23.5	22.7
65-74	28.6	28.7	29.6	30.9	31.3	31.9	35.4
75+	18.5	19.1	19.5	20.4	20.8	21.4	23.3
Total Population	416.0	417.8	420.9	423.4	429.8	432.3	437.7
Aged 15 and Over	332.6	335.0	338.0	340.9	345.7	347.0	355.5
Aged 20 and Over	298.3	302.4	306.7	309.7	314.1	315.8	326.3

RATIO COUNTY RATE TO PROVINCIAL RATE -- LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences -- Alcohol
- C. Alcohol--Involved Drivers
- D. General Primary Separations -- Alcohol
- E. General Secondary Separations -- Alcohol
- F. Mental Primary Separations -- Alcohol
- G. Mental Secondary Separations -- Alcohol
- H. Alcohol--Related Deaths

DRUG RATIOS:

- I. Legal Offences -- Drugs
- J. General Primary Separations -- Drugs
- K. General Secondary Separations -- Drugs
- L. Mental Primary Separations -- Drugs
- M. Mental Secondary Separations -- Drugs
- N. Drug--Related Deaths

HASTINGS

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				1,029.4
				50,779
				16,373
				7,528

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,750	1,788	1,702	1,889	1,821
n.a.	2	1	-	-
n.a.	6	3	3	2
589	539	475	536	555
16	38	32	37	33
2,355	2,373	2,213	2,465	2,411

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
137	114	120	145	156
185	129	135	111	111
15	10	11	5	10
337	253	266	261	277

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	6	15	14	13
108	107	132	104	111
7	10	10	10	17
53	53	47	49	54
4	4	2	1	1
181	180	206	178	196

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

6	5	13	18	27
173	161	144	128	143
22	23	35	31	31
97	79	87	53	65
-	1	3	1	2
298	269	282	231	268

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	2	2	1	-
5	5	6	10	6
-	-	-	-	-
6	7	8	11	6

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
7	11	3	8	5
-	-	-	-	-
7	11	3	8	5

HASTINGS

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.4
				55,998
				18,056
				8,302

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,604.0	1,635.9	1,541.7	1,680.6	1,587.6
n.a.	1.8	0.9	-	-
n.a.	5.5	2.7	2.7	1.7
539.9	493.1	430.3	476.9	483.9
14.7	34.8	29.0	32.9	28.8
2,158.6	2,171.1	2,004.5	2,193.1	2,102.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
125.6	104.3	108.7	129.0	136.0
169.6	118.0	122.3	98.8	96.8
13.7	9.1	10.0	4.4	8.7
308.9	231.5	240.9	232.2	241.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.2	5.5	13.6	12.5	11.3
99.0	97.9	119.6	92.5	96.8
6.4	9.1	9.1	8.9	14.8
48.6	48.5	42.6	43.6	47.1
3.7	3.7	1.8	0.9	0.9
165.9	164.7	186.6	158.4	170.9
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.5	4.6	11.8	16.0	23.5
158.6	147.3	130.4	113.9	124.7
20.2	21.0	31.7	27.6	27.0
88.9	72.3	78.8	47.2	56.7
-	0.9	2.7	0.9	1.7
273.1	246.1	255.4	205.5	233.7
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	1.8	1.8	0.9	-
4.6	4.6	5.4	8.9	5.2
-	-	-	-	-
5.5	6.4	7.2	9.8	5.2
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
6.4	10.1	2.7	7.1	4.4
-	-	-	-	-
6.4	10.1	2.7	7.1	4.4
6.1	6.3	6.1	6.0	5.6

HASTINGS

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	1	2	2	-
15	12	15	11	10
15	13	17	13	10

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
119	154	116	114	135
-	-	1	-	-
3	-	-	1	11
97	24	24	31	9
-	3	-	-	3
3	6	6	-	8
222	187	148	146	166

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
4	6	4	8	9
9	6	24	15	15
5	9	4	12	9
50	32	34	23	35
15	9	13	6	3
35	34	29	17	18
118	96	108	81	89

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	2	4	8	8
10	10	20	26	21
22	18	19	25	26
27	20	32	34	22
13	5	10	11	6
18	12	26	18	28
91	67	111	122	111

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	3	2	-
5	3	2	3	2
-	-	-	1	1
6	4	5	6	3

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
5	10	8	12	7
-	-	1	1	1
5	10	9	13	8

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
3	-	-	2	1
3	2	-	2	1
-	-	-	-	-
6	2	-	4	2

HASTINGS

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	—
—	0.9	1.8	1.8	—
13.8	11.0	13.7	10.0	8.9
13.8	11.9	15.6	11.8	8.9
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
109.3	140.5	105.0	101.0	117.9
—	—	1.2	—	—
2.5	—	—	1.1	9.4
89.0	21.7	22.2	28.0	7.4
—	2.9	—	—	2.5
2.4	5.8	5.5	—	7.3
203.2	170.8	133.9	130.1	144.5
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
3.7	5.5	3.6	7.1	7.8
8.2	5.5	21.7	13.3	13.1
4.6	8.2	3.6	10.7	7.8
45.8	29.3	30.8	20.5	30.5
13.7	8.2	11.8	5.3	2.6
32.1	31.1	26.3	15.1	15.7
108.2	87.8	97.8	72.1	77.6
73.5	77.7	87.3	86.6	85.1

General H	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	1.8	3.6	7.1	7.0
9.2	9.1	18.1	23.1	18.3
20.2	16.5	17.2	22.2	22.7
24.7	18.3	29.0	30.2	19.2
11.9	4.6	9.1	9.8	5.2
16.5	11.0	23.6	16.0	24.4
83.4	61.3	100.5	108.5	96.8
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	0.9	2.7	1.8	—
4.6	2.7	1.8	2.7	1.7
—	—	—	0.9	0.9
5.5	3.7	4.5	5.3	2.6
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
4.6	9.1	7.2	10.7	6.1
—	—	0.9	0.9	0.9
4.6	9.1	8.2	11.6	7.0
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

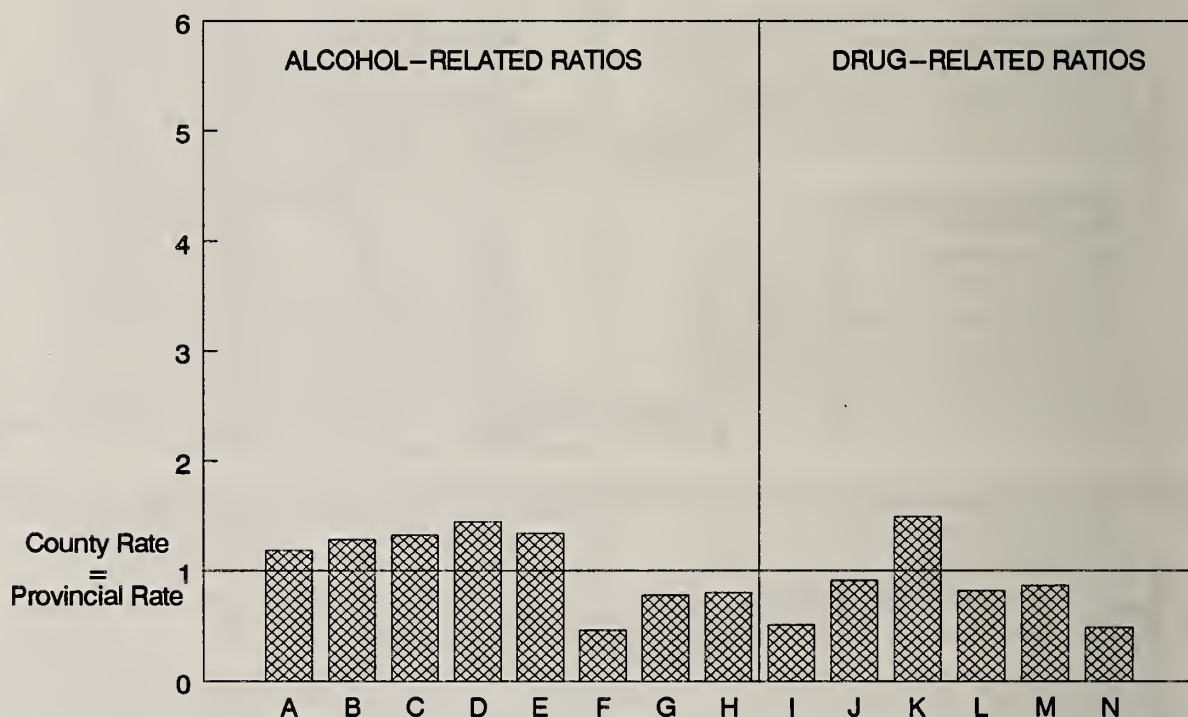
1984	1985	1986	1987	1988
2.8	—	—	1.8	0.9
2.8	1.8	—	1.8	0.9
—	—	—	—	—
5.5	1.8	—	3.6	1.8
4.1	3.4	3.5	3.6	3.6

HASTINGS

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	15.4	15.4	15.5	15.0	15.4	15.8	16.0
10-14	8.7	8.4	8.2	7.8	7.8	8.0	8.1
15-19	9.7	9.2	8.8	8.3	8.4	8.5	8.5
20-29	19.9	21.7	22.9	18.1	17.9	16.5	18.5
30-39	14.2	14.6	15.1	16.0	16.2	16.5	17.0
40-49	11.5	11.6	11.6	12.0	12.7	12.5	13.1
50-59	19.9	10.8	10.6	11.4	11.3	11.5	11.7
60-64	5.2	5.0	4.9	5.7	5.7	5.9	5.9
65-74	7.4	7.3	7.2	9.0	9.3	9.4	9.7
75+	4.5	4.5	4.4	5.7	5.9	6.0	6.2
Total Population	107.8	108.6	109.1	109.3	110.4	112.4	114.7
Aged 15 and Over	83.7	84.8	85.4	86.5	87.2	88.6	90.6
Aged 20 and Over	74.0	75.6	76.6	78.2	78.8	80.1	82.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

HURON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	383.0
	27,768
	5,715
	2,507

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
1,477	1,544	1,651	1,965	1,868
n.a.	1	—	2	1
n.a.	2	1	5	1
197	200	217	229	197
33	28	28	29	15
1,707	1,775	1,897	2,230	2,082

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
101	67	68	58	48
93	74	57	61	36
6	6	2	6	2
200	147	127	125	86

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
5	13	7	11	6
52	60	49	55	55
3	12	11	9	6
20	24	26	25	24
4	3	1	7	—
84	112	94	107	91

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

10	5	8	5	7
84	75	61	65	71
10	6	16	15	14
25	30	21	26	21
2	2	—	1	—
131	118	106	112	113

Total

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	3	—	—
10	10	13	9	6
1	—	—	1	—
12	11	16	10	6

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

—	—	—	—	—
4	7	6	4	2
—	—	—	—	—
4	7	6	4	2

Total

HURON

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				8.8
				63,542
				13,078
				5,737

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,632.8	2,757.1	2,927.3	3,441.3	3,248.7
n.a.	1.8	—	3.5	1.7
n.a.	3.6	1.8	8.8	1.7
351.2	357.1	384.8	401.1	342.6
58.8	50.0	49.6	50.8	26.1
3,042.8	3,169.6	3,363.5	3,905.4	3,620.9
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
180.0	119.6	120.6	101.6	83.5
165.8	132.1	101.1	106.8	62.6
10.7	10.7	3.5	10.5	3.5
356.5	262.5	225.2	218.9	149.6
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.9	23.2	12.4	19.3	10.4
92.7	107.1	86.9	96.3	95.7
5.3	21.4	19.5	15.8	10.4
35.7	42.9	46.1	43.8	41.7
7.1	5.4	1.8	12.3	—
149.7	200.0	166.7	187.4	158.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
17.8	8.9	14.2	8.8	12.2
149.7	133.9	108.2	113.8	123.5
17.8	10.7	28.4	26.3	24.3
44.6	53.6	37.2	45.5	36.5
3.6	3.6	—	1.8	—
233.5	210.7	187.9	196.1	196.5
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.8	1.8	5.3	—	—
17.8	17.9	23.0	15.8	10.4
1.8	—	—	1.8	—
21.4	19.6	28.4	17.5	10.4
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
7.1	12.5	10.6	7.0	3.5
—	—	—	—	—
7.1	12.5	10.6	7.0	3.5
6.1	6.3	6.1	6.0	5.6

General Hospitals

Mental Hospitals

HURON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
1	2	—	—	—
2	4	7	3	6
3	6	7	3	6

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
36	72	67	97	148
—	1	—	—	—
—	7	1	2	1
14	—	18	—	4
—	—	2	—	—
—	5	1	1	8
50	85	89	101	162

HOSPITAL SEPARATIONS

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	—	—	2	—
2	1	3	—	5
1	3	1	—	—
6	10	16	12	13
5	4	3	2	—
11	18	14	14	16
27	36	37	30	34

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	1	—	1	4
3	8	11	3	13
5	6	6	7	5
7	10	6	7	6
—	1	4	3	3
3	14	14	2	11
19	40	41	23	42

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	1	—	2	—
—	—	—	1	1
—	—	—	1	1
—	1	—	4	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	1	—	—
1	3	2	3	3
1	—	3	5	7
3	3	6	8	10

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	—	—	1	—
2	—	—	2	1
—	—	—	—	—
2	—	—	3	1

HURON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
1.8	3.6	—	—	—
3.6	7.1	12.5	5.3	10.5
5.4	10.7	12.5	5.3	10.5
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
64.2	128.4	118.4	169.5	258.2
—	2.1	—	—	—
—	12.6	2.3	4.3	2.1
24.7	—	32.5	—	7.4
—	—	2.7	—	—
—	9.0	2.2	2.3	14.6
88.9	152.2	158.2	176.1	282.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.6	—	—	3.5	—
3.6	1.8	5.3	—	8.7
1.8	5.4	1.8	—	—
10.7	17.9	28.4	21.0	22.6
8.9	7.1	5.3	3.5	—
19.6	32.1	24.8	24.5	27.8
48.1	64.3	65.6	52.5	59.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.8	1.8	—	1.8	7.0
5.3	14.3	19.5	5.3	22.6
8.9	10.7	10.6	12.3	8.7
12.5	17.9	10.6	12.3	10.4
—	1.8	7.1	5.3	5.2
5.3	25.0	24.8	3.5	19.1
33.9	71.4	72.7	40.3	73.0
60.7	59.5	64.8	71.0	64.8

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	1.8	—	3.5	—
—	—	—	1.8	1.7
—	—	—	1.8	1.7
—	1.8	—	7.0	3.5
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.8	—	1.8	—	—
1.8	5.4	3.5	5.3	5.2
1.8	—	5.3	8.8	12.2
5.3	5.4	10.6	14.0	17.4
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

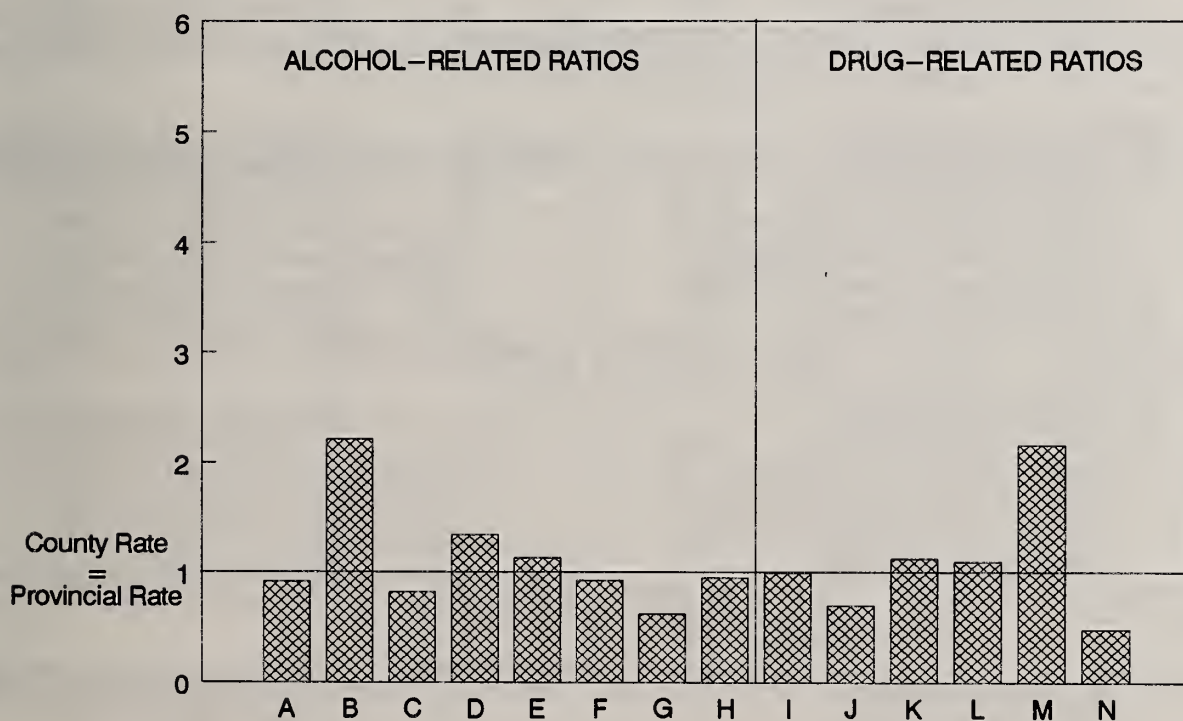
1984	1985	1986	1987	1988
—	—	—	1.8	—
3.6	—	—	3.5	1.8
—	—	—	—	—
3.6	—	—	5.3	1.8
4.1	3.4	3.5	3.6	3.6

HURON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	8.0	8.1	7.9	8.6	8.8	9.4	8.6
10-14	4.2	4.1	4.0	4.3	4.3	4.5	4.1
15-19	5.1	4.6	4.4	4.3	4.5	4.2	4.2
20-29	8.6	8.5	8.9	8.2	8.4	8.6	8.1
30-39	7.5	7.8	8.0	8.0	7.9	7.8	8.2
40-49	5.7	5.8	5.7	5.8	6.0	6.1	6.9
50-59	5.7	5.6	5.4	5.4	5.1	4.8	5.0
60-64	3.0	3.0	3.0	2.9	2.7	2.7	2.9
65-74	5.1	5.3	5.3	5.2	5.1	5.0	5.5
75+	3.4	3.4	3.6	3.4	3.6	3.8	4.0
Total Population	56.2	56.0	56.1	56.0	56.4	57.1	57.5
Aged 15 and Over	44.0	43.8	44.2	43.1	43.3	43.2	44.8
Aged 20 and Over	38.9	39.2	39.8	38.8	38.8	39.0	40.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

KENORA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				644.0
				21,726
				10,484
				5,213

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
5,405	5,748	5,609	5,823	5,463
n.a.	-	1	-	-
n.a.	2	2	-	1
563	585	538	509	525
5	36	22	31	15
5,973	6,371	6,172	6,363	6,004

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
84	80	82	76	58
79	67	79	44	48
9	5	7	6	4
172	152	168	126	110

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
88	107	127	74	70
149	129	145	98	104
31	27	29	20	14
21	19	23	14	15
3	10	4	4	8
292	292	328	210	211

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

23	26	30	25	21
278	210	234	177	195
78	81	68	77	73
24	23	20	26	31
4	2	6	5	4
407	342	358	310	324

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	-	5	1
59	73	40	38	20
6	5	2	11	26
66	78	42	54	47

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	1	-	-
11	6	2	-	2
3	5	3	3	2
14	11	6	3	4

KENORA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				1988-89
				14.2
				47,813
				23,072
				11,472

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
9,038.5	9,725.9	9,411.1	9,721.2	9,120.2
n.a.	—	1.7	—	—
n.a.	3.4	3.4	—	1.7
941.5	989.8	902.7	849.7	876.5
8.4	60.9	36.9	51.8	25.0
9,988.3	10,780.0	10,355.7	10,622.7	10,023.4
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
140.5	135.4	137.6	126.9	96.8
132.1	113.4	132.6	73.5	80.1
15.1	8.5	11.7	10.0	6.7
287.6	257.2	281.9	210.4	183.6
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
147.2	181.0	213.1	123.5	116.9
249.2	218.3	243.3	163.6	173.6
51.8	45.7	48.7	33.4	23.4
35.1	32.1	38.6	23.4	25.0
5.0	16.9	6.7	6.7	13.4
488.3	494.1	550.3	350.6	352.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
38.5	44.0	50.3	41.7	35.1
464.9	355.3	392.6	295.5	325.5
130.4	137.1	114.1	128.5	121.9
40.1	38.9	33.6	43.4	51.8
6.7	3.4	10.1	8.3	6.7
680.6	578.7	600.7	517.5	540.9
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.7	—	—	8.3	1.7
98.7	123.5	67.1	63.4	33.4
10.0	8.5	3.4	18.4	43.4
110.4	132.0	70.5	90.2	78.5
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.7	—	—
18.4	10.2	3.4	—	3.3
5.0	8.5	5.0	5.0	3.3
23.4	18.6	10.1	5.0	6.7
6.1	6.3	6.1	6.0	5.6

KENORA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	1
2	3	1	4	1
4	8	7	5	5
6	11	8	9	7

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
111	98	147	128	182
1	—	1	—	—
8	4	10	32	35
21	12	18	13	17
1	—	—	4	—
13	5	5	7	14
155	119	183	183	248

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	14	11	4	3
15	16	14	13	17
2	5	5	6	9
78	81	103	110	113
2	12	8	7	8
15	21	22	26	22
121	149	163	166	172

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

4	10	6	4	2
17	16	23	13	25
22	21	18	19	20
8	18	15	14	11
1	2	5	4	3
4	6	15	10	9
56	73	82	64	70

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	—	1	—	1
6	8	3	5	5
—	3	1	2	2
8	11	5	7	8

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
15	24	14	19	17
—	—	—	1	—
16	24	14	20	17

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	1	—	1	—
—	2	2	3	—
1	—	1	1	1
2	3	3	5	1

KENORA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	1.7
3.4	5.0	1.7	6.7	1.7
6.7	13.4	11.8	8.4	8.3
10.1	18.4	13.5	15.1	11.7
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
184.8	165.0	247.4	213.4	304.3
2.2	—	2.3	—	—
13.8	7.2	17.6	53.3	57.9
34.8	20.1	30.8	21.0	28.5
2.2	—	—	6.8	—
21.7	8.5	8.2	11.0	23.4
259.5	200.8	306.2	305.6	414.1
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
15.1	23.7	18.5	6.7	5.0
25.1	27.1	23.5	21.7	28.4
3.3	8.5	8.4	10.0	15.0
130.4	137.1	172.8	183.6	188.6
3.3	20.3	13.4	11.7	13.4
25.1	35.5	36.9	43.4	36.7
202.3	252.1	273.5	277.1	287.1
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
6.7	16.9	10.1	6.7	3.3
28.4	27.1	38.6	21.7	41.7
36.8	35.5	30.2	31.7	33.4
13.4	30.5	25.2	23.4	18.4
1.7	3.4	8.4	6.7	5.0
6.7	10.2	25.2	16.7	15.0
93.6	123.5	137.6	106.8	116.9
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.3	—	1.7	—	1.7
10.0	13.5	5.0	8.3	8.3
—	5.1	1.7	3.3	3.3
13.4	18.6	8.4	11.7	13.4
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.7	—	—	—	—
25.1	40.6	23.5	31.7	28.4
—	—	—	1.7	—
26.8	40.6	23.5	33.4	28.4
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

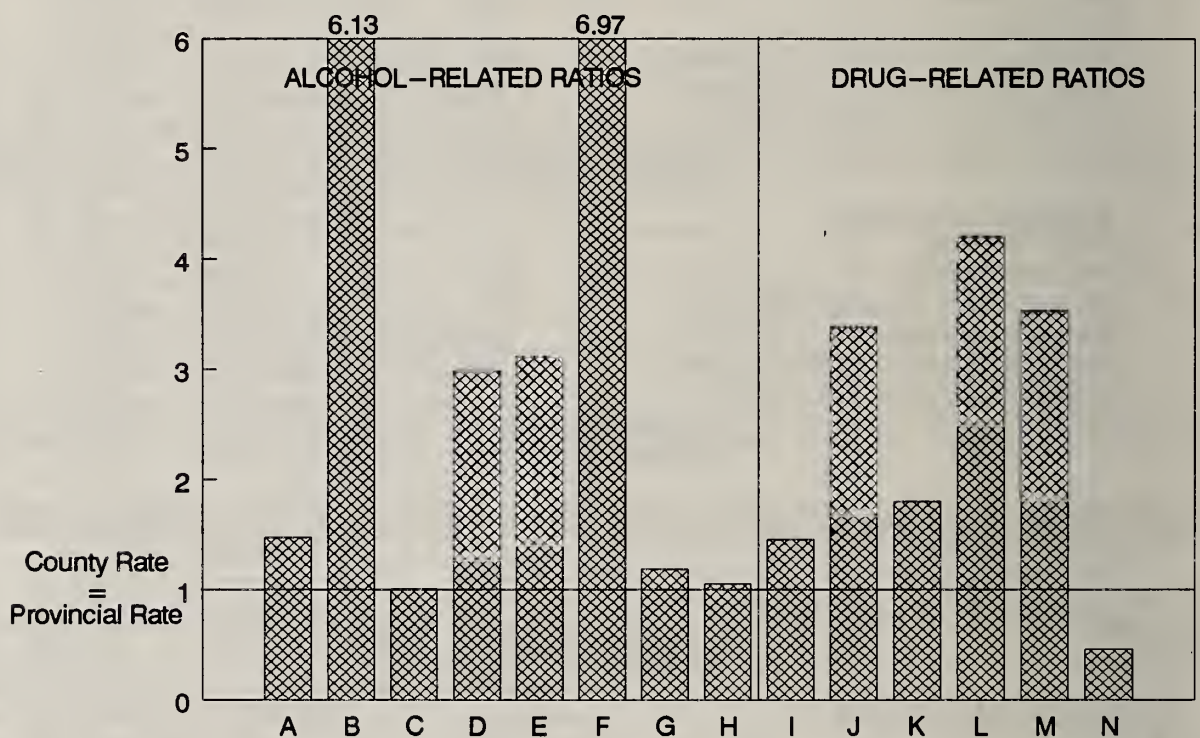
1984	1985	1986	1987	1988
1.7	1.7	—	1.7	—
—	3.3	3.4	5.0	—
1.7	—	1.7	1.7	1.7
3.4	5.0	5.1	8.4	1.7
4.1	3.4	3.5	3.6	3.6

KENORA

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	11.5	11.5	11.6	10.5	11.4	11.4	12.0
10-14	5.6	5.6	5.5	5.2	5.2	5.2	5.2
15-19	5.6	5.4	5.3	5.1	5.1	4.9	4.9
20-29	10.7	10.8	11.0	10.5	10.3	10.0	9.7
30-39	8.1	8.4	8.6	9.2	9.0	9.2	9.0
40-49	5.7	5.7	5.5	5.2	6.3	6.6	6.8
50-59	5.1	5.0	5.1	5.1	4.9	4.9	4.9
60-64	2.1	2.3	2.2	2.2	2.2	2.3	2.1
65-74	3.0	3.1	3.0	3.4	3.4	3.3	3.3
75+	1.7	1.7	1.8	1.8	1.8	2.0	2.1
Total Population	59.1	59.5	59.8	59.1	59.6	59.9	59.9
Aged 15 and Over	42.0	42.4	42.7	43.4	43.0	43.3	42.7
Aged 20 and Over	36.4	37.0	37.4	38.3	37.9	38.4	37.8

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

KENT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				781.8
				53,287
				11,841
				5,220

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
2,711	2,820	3,172	3,080	3,047
n.a.	-	3	4	-
n.a.	6	8	11	7
860	669	710	741	687
60	64	58	63	54
3,631	3,559	3,951	3,899	3,795

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
126	97	115	107	105
166	116	145	107	98
7	7	8	9	2
299	220	268	223	205

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	6	7	7	9
82	97	81	56	89
36	42	49	52	32
41	47	55	52	63
8	4	8	8	7
175	196	200	175	200

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1	6	5	14	6
139	166	154	159	150
52	36	37	50	43
76	60	59	46	73
4	1	2	3	1
272	269	257	272	273

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1	-	1
16	16	21	11	16
-	2	-	1	1
16	18	22	12	18

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	1	-	-
3	10	6	12	8
-	-	3	3	3
3	10	10	15	11

KENT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.2
				62,382
				13,862
				6,111

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,547.9	2,642.9	2,956.2	2,846.6	2,795.4
n.a.	-	2.8	3.7	-
n.a.	5.6	7.5	10.2	6.4
808.3	627.0	661.7	684.8	630.3
56.4	60.0	54.1	58.2	49.5
3,412.6	3,335.5	3,682.2	3,603.5	3,481.7
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
118.4	90.9	107.2	98.9	96.3
156.0	108.7	135.1	98.9	89.9
6.6	6.6	7.5	8.3	1.8
281.0	206.2	249.8	206.1	188.1
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.5	5.6	6.5	6.5	8.3
77.1	90.9	75.5	51.8	81.7
33.8	39.4	45.7	48.1	29.4
38.5	44.0	51.3	48.1	57.8
7.5	3.7	7.5	7.4	6.4
164.5	183.7	186.4	161.7	183.5
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	5.6	4.7	12.9	5.5
130.6	155.6	143.5	147.0	137.6
48.9	33.7	34.5	46.2	39.4
71.4	56.2	55.0	42.5	67.0
3.8	0.9	1.9	2.8	0.9
255.6	252.1	239.5	251.4	250.5
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	0.9	-	0.9
15.0	15.0	19.6	10.2	14.7
-	1.9	-	0.9	0.9
15.0	16.9	20.5	11.1	16.5
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	0.9	-	-
2.8	9.4	5.6	11.1	7.3
-	-	2.8	2.8	2.8
2.8	9.4	9.3	13.9	10.1
6.1	6.3	6.1	6.0	5.6

KENT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
1	—	2	1	2
12	7	9	10	5
13	7	11	11	7

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
196	308	277	271	267
1	—	—	4	1
—	18	10	64	7
21	12	110	72	9
4	11	2	12	1
14	6	11	7	10
237	356	410	430	295

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	3	4	6	2
3	3	3	4	4
6	15	10	8	1
24	25	36	38	34
16	9	8	13	10
39	44	47	32	25
89	99	108	101	76

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	2	3	1	4
16	15	9	8	5
13	30	31	27	25
12	14	21	28	29
7	2	3	11	12
27	30	12	32	25
77	93	79	107	100

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	2	—	—	—
1	7	3	—	3
—	—	—	—	—
1	9	3	—	3

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	1
7	13	5	2	7
3	—	4	2	3
10	13	9	4	11

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	—	1	1	3
2	4	5	3	6
—	—	—	—	—
2	4	6	4	9

KENT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
0.9	—	1.9	0.9	1.8
11.3	6.6	8.4	9.3	4.6
12.2	6.6	10.3	10.3	6.5
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
184.4	289.0	258.4	250.7	244.7
1.2	—	—	3.7	1.1
—	17.3	9.8	59.0	6.6
19.6	11.1	102.6	66.9	7.8
3.8	10.2	1.4	11.4	1.3
13.4	5.9	10.2	6.1	9.0
222.3	333.5	382.4	397.7	270.6
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	2.8	3.7	5.5	1.8
2.8	2.8	2.8	3.7	3.7
5.6	14.1	9.3	7.4	0.9
22.6	23.4	33.6	35.1	31.2
15.0	8.4	7.5	12.0	9.2
36.7	41.2	43.8	29.6	22.9
83.6	92.8	100.7	93.3	69.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1.9	1.9	2.8	0.9	3.7
15.0	14.1	8.4	7.4	4.6
12.2	28.1	28.9	25.0	22.9
11.3	13.1	19.6	25.9	26.6
6.6	1.9	2.8	10.2	11.0
25.4	28.1	11.2	29.6	22.9
72.4	87.2	73.6	98.9	91.7
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	1.9	—	—	—
0.9	6.6	2.8	—	2.8
—	—	—	—	—
0.9	8.4	2.8	—	2.8
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	0.9
6.6	12.2	4.7	1.8	6.4
2.8	—	3.7	1.8	2.8
9.4	12.2	8.4	3.7	10.1
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

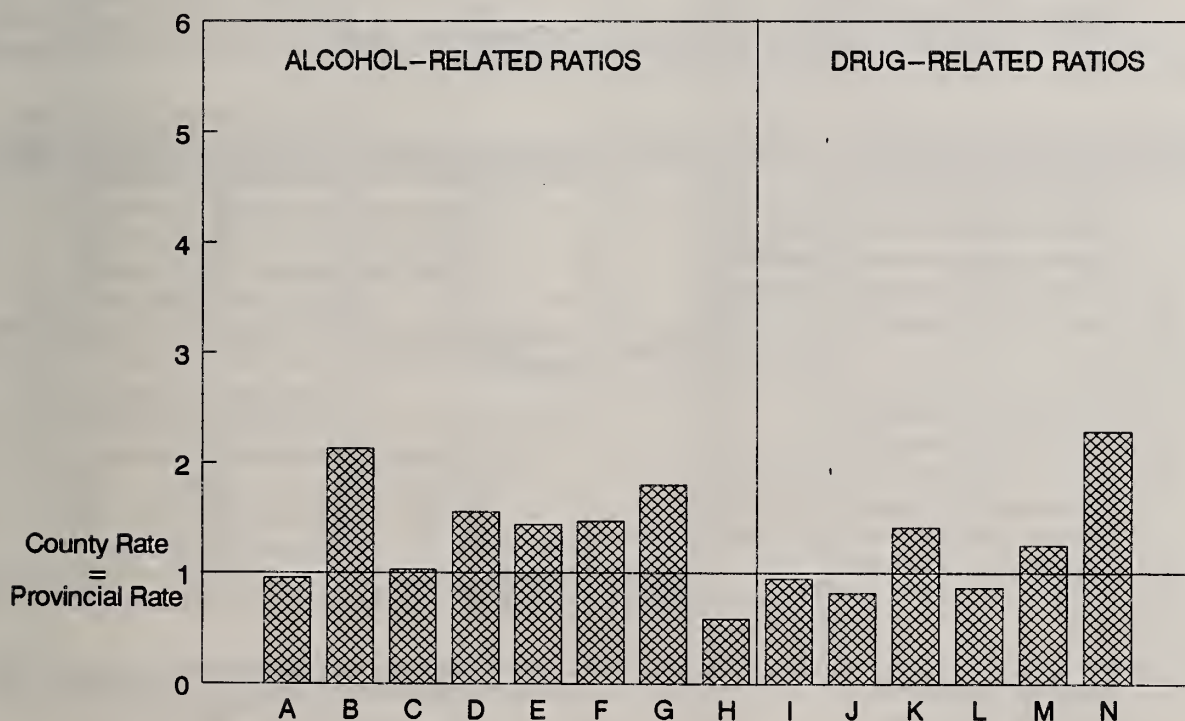
1984	1985	1986	1987	1988
—	—	0.9	0.9	2.8
1.9	3.8	4.7	2.8	5.5
—	—	—	—	—
1.9	3.8	5.6	3.7	8.3
4.1	3.4	3.5	3.6	3.6

KENT

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	16.9	16.9	16.8	16.0	16.9	16.3	16.4
10-14	9.0	8.8	8.7	8.0	8.4	7.8	8.0
15-19	9.4	9.0	8.7	8.3	8.1	8.1	8.0
20-29	17.8	18.2	18.5	18.1	17.6	17.6	17.3
30-39	14.6	14.9	15.3	16.0	16.0	16.5	17.0
40-49	10.7	10.9	11.0	11.6	11.9	12.8	13.2
50-59	10.3	10.1	9.8	10.1	9.7	9.8	9.8
60-64	5.0	5.0	5.0	5.2	5.0	5.0	4.9
65-74	7.3	7.3	7.4	7.9	7.8	8.2	8.4
75+	5.2	5.2	5.3	5.7	5.6	6.0	6.0
Total Population	106.0	106.2	106.4	106.7	107.3	108.2	109.0
Aged 15 and Over	80.1	80.5	80.9	82.7	82.0	84.1	84.6
Aged 20 and Over	70.7	71.5	72.2	74.4	73.9	76.0	76.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LAMBTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	942.2
	60,145
	14,383
	6,380

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
4,376	4,498	5,622	5,313	5,513
n.a.	-	3	1	1
n.a.	11	4	5	7
587	612	565	461	502
41	37	43	43	34
5,004	5,158	6,237	5,823	6,057

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
172	136	161	140	136
217	184	158	115	106
2	6	7	3	7
391	326	326	258	249

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
19	15	16	16	21
117	121	98	109	104
9	9	18	28	40
54	55	60	51	45
10	15	16	8	9
209	215	208	212	219

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

9	15	8	5	8
121	140	87	104	115
10	9	17	14	30
67	56	52	53	63
3	6	1	4	3
210	226	165	180	219

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	2	-	-
17	23	16	11	5
-	-	-	-	-
17	24	18	11	5

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	1
4	8	7	6	5
3	-	-	-	1
7	8	7	6	7

General Hospitals

Mental Hospitals

LAMBTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.6
				61,223
				14,641
				6,494

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
3,484.1	3,586.9	4,472.6	4,190.1	4,273.6
n.a.	-	2.4	0.8	0.8
n.a.	8.8	3.2	3.9	5.4
467.4	488.0	449.5	363.6	389.1
32.6	29.5	34.2	33.9	26.4
3,984.1	4,113.2	4,961.8	4,592.3	4,695.3
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
136.9	108.5	128.1	110.4	105.4
172.8	146.7	125.7	90.7	82.2
1.6	4.8	5.6	2.4	5.4
311.3	260.0	259.3	203.5	193.0
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
15.1	12.0	12.7	12.6	16.3
93.2	96.5	78.0	86.0	80.6
7.2	7.2	14.3	22.1	31.0
43.0	43.9	47.7	40.2	34.9
8.0	12.0	12.7	6.3	7.0
166.4	171.5	165.5	167.2	169.8
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.2	12.0	6.4	3.9	6.2
96.3	111.6	69.2	82.0	89.1
8.0	7.2	13.5	11.0	23.3
53.3	44.7	41.4	41.8	48.8
2.4	4.8	0.8	3.2	2.3
167.2	180.2	131.3	142.0	169.8
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.8	1.6	-	-
13.5	18.3	12.7	8.7	3.9
-	-	-	-	-
13.5	19.1	14.3	8.7	3.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	0.8
3.2	6.4	5.6	4.7	3.9
2.4	-	-	-	0.8
5.6	6.4	5.6	4.7	5.4
6.1	6.3	6.1	6.0	5.6

LAMBTON

ALCOHOL—RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	1
—	1	2	—	2
14	14	17	9	12
14	15	19	9	15

DRUG—RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
238	273	251	137	81
—	—	1	81	—
12	6	4	10	5
69	36	18	69	68
1	2	—	—	3
8	18	2	8	4
329	334	277	305	161

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	4	5	8
9	19	17	22	8
1	5	5	3	9
37	24	33	42	36
21	16	8	7	7
15	24	35	27	35
84	89	102	106	103

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

5	3	—	4	4
14	23	9	18	11
5	8	8	9	22
9	7	12	15	23
3	2	1	11	8
13	4	13	9	28
49	47	43	66	96

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	1	3
1	4	5	—	3
—	—	—	—	—
1	4	5	1	6

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
7	9	15	2	5
2	—	1	2	1
10	9	16	4	6

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	1	—	3
2	5	3	2	2
—	1	—	—	—
3	6	4	2	5

LAMBTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	0.8
—	0.8	1.6	—	1.6
11.1	11.1	13.6	7.2	9.5
11.1	11.9	15.2	7.2	11.8
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
189.8	217.7	199.5	108.4	62.7
—	—	1.1	63.9	—
9.9	4.5	3.1	7.7	3.7
55.2	28.4	14.6	54.6	53.0
1.1	1.2	—	—	2.2
6.2	14.1	1.9	6.3	3.3
262.2	266.0	220.3	240.9	124.8
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
0.8	0.8	3.2	3.9	6.2
7.2	15.2	13.5	17.4	6.2
0.8	4.0	4.0	2.4	7.0
29.5	19.1	26.3	33.1	27.9
16.7	12.8	6.4	5.5	5.4
11.9	19.1	27.8	21.3	27.1
66.9	71.0	81.1	83.6	79.8
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.0	2.4	—	3.2	3.1
11.1	18.3	7.2	14.2	8.5
4.0	6.4	6.4	7.1	17.1
7.2	5.6	9.5	11.8	17.8
2.4	1.6	0.8	8.7	6.2
10.4	3.2	10.3	7.1	21.7
39.0	37.5	34.2	52.1	74.4
60.7	59.5	64.8	71.0	64.8

Mental Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	
	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	0.8	2.3
0.8	3.2	4.0	—	2.3
—	—	—	—	—
0.8	3.2	4.0	0.8	4.7
4.0	3.6	3.1	3.5	3.2

Mental Hospitals	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	
	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
0.8	—	—	—	—
5.6	7.2	11.9	1.6	3.9
1.6	—	0.8	1.6	0.8
8.0	7.2	12.7	3.2	4.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

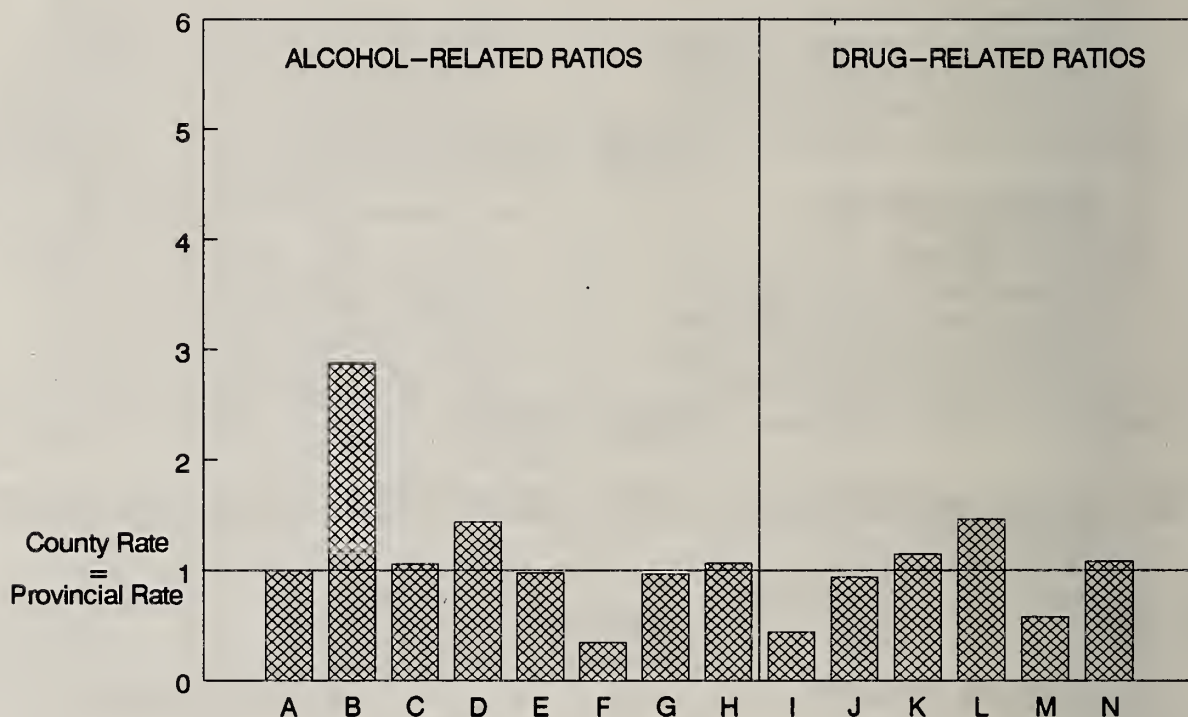
1984	1985	1986	1987	1988
0.8	—	0.8	—	2.4
1.6	4.0	2.4	1.6	1.6
—	0.8	—	—	—
2.4	4.8	3.2	1.6	3.9
4.1	3.4	3.5	3.6	3.6

LAMBTON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
	(in thousands)						
0- 9	18.7	18.7	18.4	19.2	18.8	19.8	19.1
10-14	9.6	9.4	9.4	9.5	9.1	9.6	9.1
15-19	10.6	10.0	9.5	9.7	9.9	9.6	9.2
20-29	24.0	23.9	23.5	20.5	19.8	20.6	19.1
30-39	18.4	19.0	19.5	20.1	20.4	20.2	21.3
40-49	13.2	13.3	13.5	14.0	14.9	14.2	16.9
50-59	13.2	13.0	12.7	12.6	12.5	12.5	12.4
60-64	5.7	6.0	6.1	6.1	6.1	6.2	6.2
65-74	7.8	7.9	8.2	8.5	8.8	8.7	9.7
75+	4.4	4.6	4.7	5.1	5.4	5.3	6.0
Total Population	126.0	125.9	125.6	125.4	125.7	126.8	129.0
Aged 15 and Over	97.7	97.8	97.8	96.7	97.8	97.4	100.8
Aged 20 and Over	87.1	87.8	88.3	87.0	87.9	87.8	91.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LANARK

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				432.1
				24,300
				6,780
				3,057

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
800	791	1,099	889	724
n.a.	1	-	-	-
n.a.	1	8	2	1
273	237	255	317	323
17	18	16	21	10
1,090	1,048	1,378	1,229	1,058

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
77	65	62	45	43
67	65	74	60	53
1	5	1	4	8
145	135	137	109	104

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	7	12	12	12
55	60	50	59	42
6	6	13	11	12
14	21	16	19	17
5	3	3	2	5
86	97	94	103	88

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

2	9	6	10	8
72	65	72	74	57
8	7	15	9	15
28	21	22	27	30
-	1	-	1	1
110	103	115	121	111

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	1	-
4	8	16	10	11
-	-	-	-	-
4	9	16	11	11

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	1	-
6	3	3	3	2
-	-	-	-	-
6	3	3	4	2

LANARK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				10.4
				58,625
				16,357
				7,375

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,632.7	1,594.8	2,171.9	1,716.2	1,371.2
n.a.	2.0	-	-	-
n.a.	2.0	15.8	3.9	1.9
557.1	477.8	504.0	612.0	611.7
34.7	36.3	31.6	40.5	18.9
2,224.5	2,112.9	2,723.3	2,372.6	2,003.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
157.1	131.0	122.5	86.9	81.4
136.7	131.0	146.2	115.8	100.4
2.0	10.1	2.0	7.7	15.2
295.9	272.2	270.8	210.4	197.0
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
12.2	14.1	23.7	23.2	22.7
112.2	121.0	98.8	113.9	79.5
12.2	12.1	25.7	21.2	22.7
28.6	42.3	31.6	36.7	32.2
10.2	6.0	5.9	3.9	9.5
175.5	195.6	185.8	198.8	166.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.1	18.1	11.9	19.3	15.2
146.9	131.0	142.3	142.9	108.0
16.3	14.1	29.6	17.4	28.4
57.1	42.3	43.5	52.1	56.8
-	2.0	-	1.9	1.9
224.5	207.7	227.3	233.6	210.2
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	2.0	-	1.9	-
8.2	16.1	31.6	19.3	20.8
-	-	-	-	-
8.2	18.1	31.6	21.2	20.8
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	1.9	-
12.2	6.0	5.9	5.8	3.8
-	-	-	-	-
12.2	6.0	5.9	7.7	3.8
6.1	6.3	6.1	6.0	5.6

LANARK

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	-	-	1	-
1	-	2	-	1
4	2	4	6	6
6	2	6	7	7

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
29	43	53	26	60
-	-	-	-	-
1	1	1	2	31
14	12	37	31	13
-	-	-	-	-
1	5	6	5	4
45	61	97	65	108

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	3	1	1	1
1	7	5	6	2
2	2	4	4	3
17	16	26	26	17
5	2	8	6	1
19	24	23	17	23
45	54	67	60	47

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	2	3	2	2
4	6	4	10	3
2	11	7	13	8
10	9	8	12	4
3	4	1	3	-
6	8	13	7	8
26	40	36	47	25

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	1	-	-
-	1	2	-	1
-	1	-	-	-
2	3	3	-	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	1	1	-	1
3	1	6	-	5
-	-	-	2	-
3	2	7	2	6

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	-	1	-	-
1	-	2	1	2
-	1	-	-	-
3	1	3	1	2

LANARK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
2.1	—	—	2.0	—
2.1	—	4.0	—	1.9
8.3	4.1	8.1	11.9	11.6
12.4	4.1	12.1	13.8	13.5
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
58.3	86.0	104.6	50.7	114.3
—	—	—	—	—
2.8	2.9	2.6	4.7	58.9
28.3	23.9	72.6	60.7	24.3
—	—	—	—	—
2.6	10.2	12.0	10.2	8.0
92.0	123.0	191.8	126.4	205.5
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.0	6.0	2.0	1.9	1.9
2.0	14.1	9.9	11.6	3.8
4.1	4.0	7.9	7.7	5.7
34.7	32.3	51.4	50.2	32.2
10.2	4.0	15.8	11.6	1.9
38.8	48.4	45.5	32.8	43.6
91.8	108.9	132.4	115.8	89.0
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.0	4.0	5.9	3.9	3.8
8.2	12.1	7.9	19.3	5.7
4.1	22.2	13.8	25.1	15.2
20.4	18.1	15.8	23.2	7.6
6.1	8.1	2.0	5.8	—
12.2	16.1	25.7	13.5	15.2
53.1	80.6	71.1	90.7	47.3
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.1	2.0	2.0	—	—
—	2.0	4.0	—	1.9
—	2.0	—	—	—
4.1	6.0	5.9	—	1.9
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	2.0	2.0	—	1.9
6.1	2.0	11.9	—	9.5
—	—	—	3.9	—
6.1	4.0	13.8	3.9	11.4
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

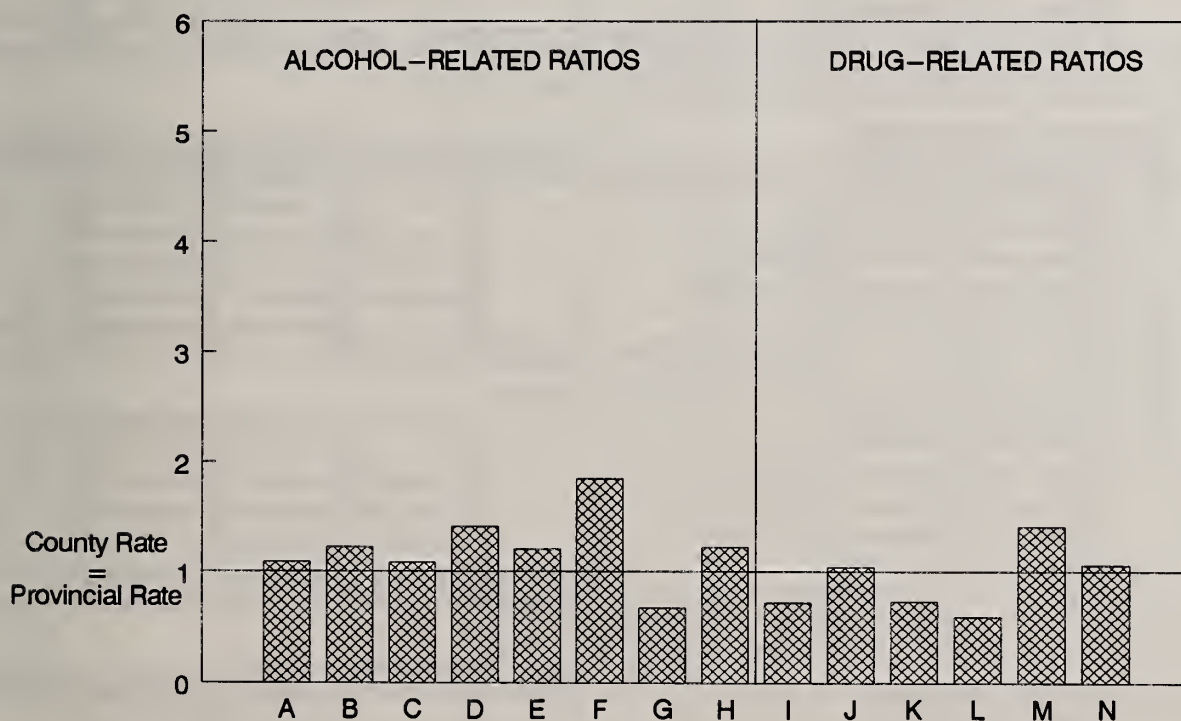
1984	1985	1986	1987	1988
4.1	—	2.0	—	—
2.1	—	4.0	2.0	3.9
—	2.0	—	—	—
6.2	2.0	6.0	2.0	3.9
4.1	3.4	3.5	3.6	3.6

LANARK

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	6.6	6.9	6.9	7.0	7.2	7.5	7.9
10-14	3.5	3.5	3.5	3.3	3.3	3.4	3.4
15-19	3.8	3.5	3.4	3.4	3.5	3.5	3.4
20-29	7.2	7.1	7.0	7.8	7.7	7.5	7.1
30-39	7.4	7.6	7.9	8.2	8.5	8.8	9.0
40-49	4.9	5.2	5.2	5.6	5.8	6.5	6.8
50-59	4.7	4.9	4.7	4.6	4.6	4.7	4.8
60-64	2.6	2.7	2.8	2.5	2.4	2.5	2.5
65-74	4.0	4.3	4.4	4.1	4.3	4.5	4.6
75+	2.8	2.9	2.9	3.0	3.1	3.1	3.3
Total Population	47.3	48.3	49.0	49.6	50.6	51.8	52.8
Aged 15 and Over	37.2	37.9	38.6	39.3	40.1	40.9	41.5
Aged 20 and Over	33.4	34.4	35.2	35.9	36.6	37.4	38.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LEEDS and GRENVILLE

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				679.8
				43,590
				10,424
				4,624

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,352	1,315	1,501	1,390	1,394
n.a.	1	2	-	1
n.a.	7	4	4	3
582	449	487	411	486
9	19	27	25	32
1,943	1,791	2,021	1,830	1,916

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
125	107	95	107	89
144	107	102	86	99
9	10	7	5	4
278	224	204	198	192

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
11	11	10	12	9
48	48	41	43	34
10	7	6	9	10
23	23	23	24	20
6	6	8	9	2
98	95	88	97	75

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	10	7	13	9
130	145	122	105	96
21	26	22	25	28
68	49	38	42	35
1	1	1	4	2
230	231	190	189	170

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	5	7	3	5
81	56	86	67	41
-	2	6	3	2
83	63	99	73	48

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
4	5	5	-	3
31	16	22	36	24
2	5	6	-	-
37	26	33	36	27

LEEDS and GRENVILLE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.5
				61,222
				14,640
				6,494

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,613.4	1,554.4	1,753.5	1,606.9	1,587.7
n.a.	1.2	2.3	-	1.1
n.a.	8.3	4.7	4.6	3.4
694.5	530.7	568.9	475.1	553.5
10.7	22.5	31.5	28.9	36.4
2,318.6	2,117.0	2,361.0	2,115.6	2,182.2
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
149.2	126.5	111.0	123.7	101.4
171.8	126.5	119.2	99.4	112.8
10.7	11.8	8.2	5.8	4.6
331.7	264.8	238.3	228.9	218.7
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
13.1	13.0	11.7	13.9	10.3
57.3	56.7	47.9	49.7	38.7
11.9	8.3	7.0	10.4	11.4
27.4	27.2	26.9	27.7	22.8
7.2	7.1	9.3	10.4	2.3
116.9	112.3	102.8	112.1	85.4
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.9	11.8	8.2	15.0	10.3
155.1	171.4	142.5	121.4	109.3
25.1	30.7	25.7	28.9	31.9
81.1	57.9	44.4	48.6	39.9
1.2	1.2	1.2	4.6	2.3
274.5	273.0	222.0	218.5	193.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.4	5.9	8.2	3.5	5.7
96.7	66.2	100.5	77.5	46.7
-	2.4	7.0	3.5	2.3
99.0	74.5	115.7	84.4	54.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.8	5.9	5.8	-	3.4
37.0	18.9	25.7	41.6	27.3
2.4	5.9	7.0	-	-
44.2	30.7	38.6	41.6	30.8
6.1	6.3	6.1	6.0	5.6

LEEDS and GRENVILLE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
1	3	3	3	2
14	14	7	4	4
15	17	10	7	6

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
75	62	49	45	164
—	—	—	—	1
1	—	5	4	60
—	6	—	3	34
—	—	—	—	—
1	3	—	1	4
77	71	54	54	264

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	2	1	3	3
4	1	3	4	2
1	1	1	3	2
20	24	31	12	32
3	11	6	8	3
22	31	35	35	32
51	70	77	65	74

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	3	4	4	2
3	13	7	7	6
17	12	7	4	2
14	23	4	10	10
4	4	3	3	—
13	17	13	8	9
53	72	38	36	29

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	3	4	4	—
11	7	5	8	12
1	2	2	—	—
15	12	11	12	12

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	1	3	1	1
15	17	6	18	22
—	2	3	10	3
15	20	12	29	26

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	1	1	—	—
1	1	—	1	3
—	—	—	—	—
1	2	1	1	3

LEEDS and GRENVILLE

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	—
1.2	3.6	3.5	3.5	2.3
16.9	16.7	8.3	4.7	4.6
18.1	20.3	11.8	8.2	6.9
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
88.9	73.5	57.4	52.5	187.0
—	—	—	—	1.4
1.6	—	6.1	4.3	68.1
—	7.0	—	3.6	38.9
—	—	—	—	—
1.5	3.0	—	1.5	4.8
92.1	83.5	63.5	61.9	300.2
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
1.2	2.4	1.2	3.5	3.4
4.8	1.2	3.5	4.6	2.3
1.2	1.2	1.2	3.5	2.3
23.9	28.4	36.2	13.9	36.4
3.6	13.0	7.0	9.2	3.4
26.3	36.6	40.9	40.5	36.4
60.9	82.7	90.0	75.1	84.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

2.4	3.5	4.7	4.6	2.3
3.6	15.4	8.2	8.1	6.8
20.3	14.2	8.2	4.6	2.3
16.7	27.2	4.7	11.6	11.4
4.8	4.7	3.5	3.5	—
15.5	20.1	15.2	9.2	10.3
63.2	85.1	44.4	41.6	33.0
60.7	59.5	64.8	71.0	64.8

Mental Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
3.6	3.5	4.7	4.6	—
13.1	8.3	5.8	9.2	13.7
1.2	2.4	2.3	—	—
17.9	14.2	12.9	13.9	13.7
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

—	1.2	3.5	1.2	1.1
17.9	20.1	7.0	20.8	25.1
—	2.4	3.5	11.6	3.4
17.9	23.6	14.0	33.5	29.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

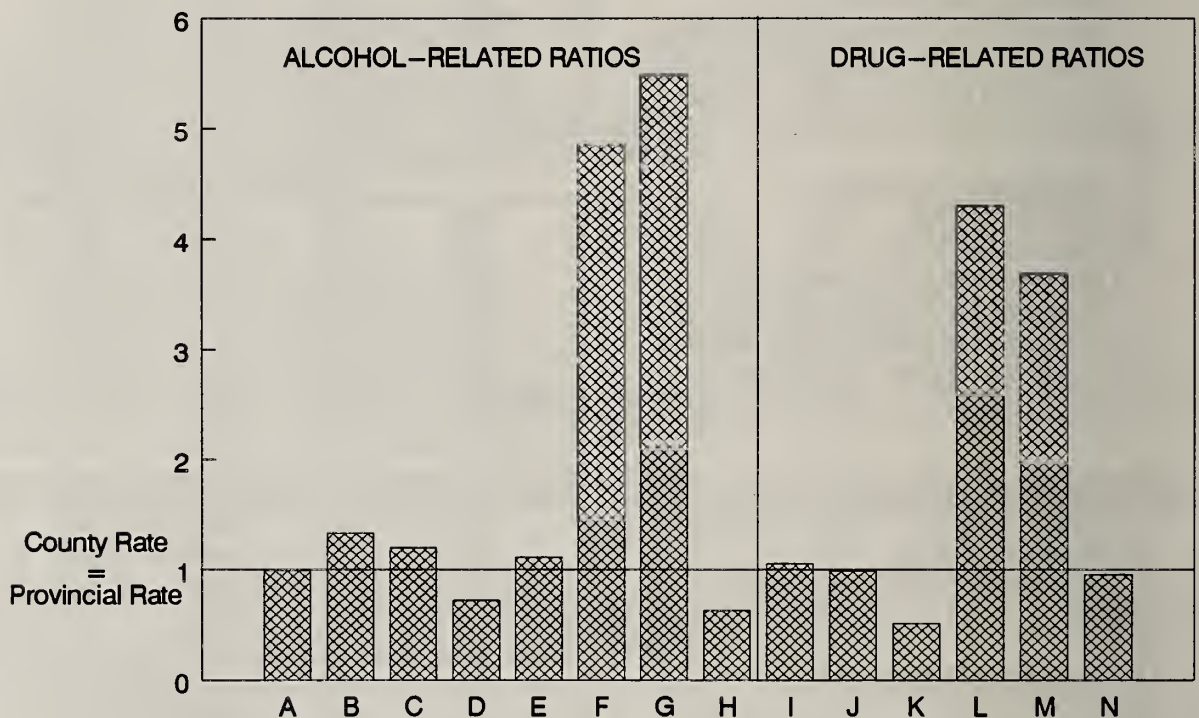
1984	1985	1986	1987	1988
—	1.2	1.2	—	—
1.2	1.2	—	1.2	3.5
—	—	—	—	—
1.2	2.4	1.2	1.2	3.5
4.1	3.4	3.5	3.6	3.6

LEEDS and GRENVILLE

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	10.3	10.6	10.8	10.9	11.2	11.1	11.2
10-14	6.1	6.1	6.0	5.8	5.8	5.7	5.6
15-19	7.2	6.7	6.4	6.6	6.4	6.3	6.2
20-29	11.8	11.2	10.8	12.8	12.8	12.6	12.5
30-39	12.2	12.7	13.3	13.0	13.0	13.2	13.5
40-49	8.9	9.3	9.3	10.0	10.6	11.4	12.0
50-59	8.9	9.3	6.4	8.8	8.8	8.8	8.9
60-64	4.3	4.7	4.7	4.4	4.4	4.4	4.4
65-74	7.2	7.5	6.0	7.3	7.5	7.8	8.0
75+	4.6	4.8	5.1	4.8	5.0	5.3	5.5
Total Population	81.7	82.9	83.8	84.6	85.6	86.5	87.8
Aged 15 and Over	65.3	66.2	67.0	67.9	68.5	69.7	71.0
Aged 20 and Over	58.1	59.5	60.6	61.3	62.1	63.4	64.8

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

LENNOX and ADDINGTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	253.6
	18,150
	3,794
	1,667

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
660	641	795	716	742
n.a.	-	-	-	-
n.a.	4	4	-	1
213	196	182	197	192
4	18	5	9	10
877	859	986	922	945

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
41	34	41	40	35
45	44	49	43	38
2	-	3	3	2
88	78	93	86	75

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	4	5	3	6
17	32	19	15	14
9	5	4	3	3
10	6	11	11	12
1	-	-	1	1
42	47	39	33	36

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

4	5	9	3	4
43	54	31	32	38
5	16	15	10	9
17	21	18	17	34
-	-	-	-	-
69	96	73	62	85

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	-	-	1
8	7	9	4	5
-	-	-	-	-
9	8	9	4	6

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
4	1	2	4	3
-	1	-	-	1
4	2	2	4	4

LENNOX and ADDINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				8.8
				63,307
				13,233
				5,814

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,935.5	1,868.8	2,291.1	2,022.6	2,055.4
n.a.	-	-	-	-
n.a.	11.7	11.5	-	2.8
624.6	571.4	524.5	556.5	531.9
11.7	52.5	14.4	25.4	27.7
2,571.8	2,504.4	2,841.5	2,604.5	2,617.7
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
120.2	99.1	118.2	113.0	97.0
132.0	128.3	141.2	121.5	105.3
5.9	-	8.6	8.5	5.5
258.1	227.4	268.0	242.9	207.8
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.7	11.7	14.4	8.5	16.6
49.9	93.3	54.8	42.4	38.8
26.4	14.6	11.5	8.5	8.3
29.3	17.5	31.7	31.1	33.2
2.9	-	-	2.8	2.8
123.2	137.0	112.4	93.2	99.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.7	14.6	25.9	8.5	11.1
126.1	157.4	89.3	90.4	105.3
14.7	46.6	43.2	28.2	24.9
49.9	61.2	51.9	48.0	94.2
-	-	-	-	-
202.3	279.9	210.4	175.1	235.5
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	2.9	-	-	2.8
23.5	20.4	25.9	11.3	13.9
-	-	-	-	-
26.4	23.3	25.9	11.3	16.6
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
11.7	2.9	5.8	11.3	8.3
-	2.9	-	-	2.8
11.7	5.8	5.8	11.3	11.1
6.1	6.3	6.1	6.0	5.6

LENNOX and ADDINGTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	1	-
-	1	-	-	-
-	2	2	1	1
-	3	2	2	1

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
48	29	38	39	52
-	-	-	-	-
1	1	1	2	-
35	-	245	6	4
-	-	-	2	-
-	3	1	1	3
84	33	285	52	59

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	4	2	2
2	3	8	1	3
3	2	3	2	3
7	7	8	9	7
3	3	3	2	-
10	7	11	8	11
26	22	37	24	26

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	1	-	1	1
2	4	5	4	3
12	7	4	7	11
23	10	12	10	4
5	-	1	3	1
8	10	7	9	4
51	32	29	34	24

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	3	-	-
-	-	-	-	4
-	-	-	-	-
-	-	3	-	4

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	1	-	1
5	6	3	2	4
-	-	-	-	-
5	6	4	2	5

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	1
2	1	-	-	-
-	-	-	-	-
2	1	-	-	1

LENNOX and ADDINGTON

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	2.9	—
—	2.9	—	—	—
—	5.9	5.8	2.9	2.8
—	8.8	5.8	5.8	2.8
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
142.0	85.3	109.0	111.4	143.8
—	—	—	—	—
4.0	4.1	3.8	6.9	—
101.7	—	705.3	17.8	11.8
—	—	—	5.8	—
—	7.4	3.5	3.7	7.8
247.7	96.8	821.5	145.6	163.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
2.9	—	11.5	5.6	5.5
5.9	8.7	23.1	2.8	8.3
8.8	5.8	8.6	5.6	8.3
20.5	20.4	23.1	25.4	19.4
8.8	8.7	8.6	5.6	—
29.3	20.4	31.7	22.6	30.5
76.2	64.1	106.6	67.8	72.0
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.9	2.9	—	2.8	2.8
5.9	11.7	14.4	11.3	8.3
35.2	20.4	11.5	19.8	30.5
67.4	29.2	34.6	28.2	11.1
14.7	—	2.9	8.5	2.8
23.5	29.2	20.2	25.4	11.1
149.6	93.3	83.6	96.0	66.5
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
—	—	8.6	—	—
—	—	—	—	11.1
—	—	—	—	—
—	—	8.6	—	11.1
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	2.9	—	2.8
14.7	17.5	8.6	5.6	11.1
—	—	—	—	—
14.7	17.5	11.5	5.6	13.9
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

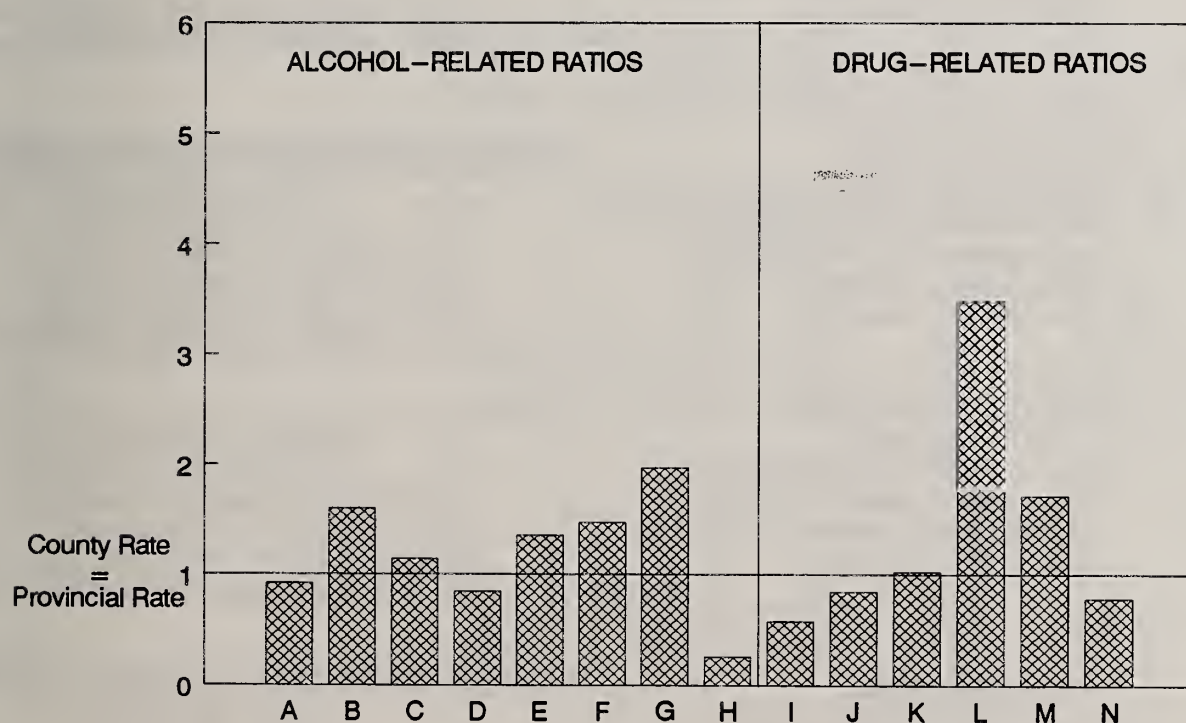
1984	1985	1986	1987	1988
—	—	—	—	2.8
5.9	2.9	—	—	—
—	—	—	—	—
5.9	2.9	—	—	2.8
4.1	3.4	3.5	3.6	3.6

LENNOX and ADDINGTON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	5.1	5.0	4.8	4.9	4.8	5.0	5.0
10-14	2.8	2.8	2.8	2.7	2.7	2.8	2.7
15-19	3.2	3.1	2.9	2.7	2.8	2.8	2.8
20-29	5.7	6.4	6.6	5.2	5.2	5.0	4.7
30-39	5.5	5.3	5.3	5.8	5.8	5.9	6.3
40-49	3.5	3.7	3.9	4.0	4.4	4.6	5.1
50-59	3.1	3.1	3.1	3.2	3.2	3.2	3.2
60-64	1.5	1.5	1.5	1.6	1.6	1.7	1.7
65-74	2.1	2.1	2.1	2.4	2.6	2.7	2.8
75+	1.4	1.2	1.2	1.8	1.8	1.8	1.8
Total Population	33.6	34.1	34.1	34.3	34.7	35.4	36.1
Aged 15 and Over	25.7	26.3	26.5	26.7	27.2	27.6	28.4
Aged 20 and Over	22.5	23.2	23.6	24.0	24.4	24.8	25.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

MANITOULIN

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				117.6
				3,757
				1,915
				965

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
388	678	601	533	581
n.a.	-	3	-	1
n.a.	1	2	6	3
168	157	146	138	153
1	4	6	3	9
557	840	758	680	747

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
38	18	21	14	20
36	21	23	26	19
1	2	4	4	5
75	41	48	44	44

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	6	4	5	7
19	22	39	37	35
7	9	12	11	5
4	11	4	8	6
3	2	2	8	3
42	50	61	69	56

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

5	4	6	2	6
27	30	44	58	63
10	15	15	12	13
17	15	16	12	12
2	5	2	1	1
61	69	83	85	95

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	1	-	-
-	-	-	-	1
-	-	1	-	1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

-	-	-	-	-
-	-	1	1	-
-	1	-	-	-
-	1	1	1	-

MANITOULIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				14.6
				46,613
				23,759
				11,973

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
3,626.2	6,582.5	5,778.8	5,076.2	5,281.8
n.a.	-	28.8	-	9.1
n.a.	9.7	19.2	57.1	27.3
1,570.1	1,524.3	1,403.8	1,314.3	1,390.9
9.3	38.8	57.7	28.6	81.8
5,205.6	8,155.3	7,288.5	6,476.2	6,790.9
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
355.1	174.8	201.9	133.3	181.8
336.4	203.9	221.2	247.6	172.7
9.3	19.4	38.5	38.1	45.5
700.9	398.1	461.5	419.0	400.0
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
84.1	58.3	38.5	47.6	63.6
177.6	213.6	375.0	352.4	318.2
65.4	87.4	115.4	104.8	45.5
37.4	106.8	38.5	76.2	54.5
28.0	19.4	19.2	76.2	27.3
392.5	485.4	586.5	657.1	509.1
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
46.7	38.8	57.7	19.0	54.5
252.3	291.3	423.1	552.4	572.7
93.5	145.6	144.2	114.3	118.2
158.9	145.6	153.8	114.3	109.1
18.7	48.5	19.2	9.5	9.1
570.1	669.9	798.1	809.5	863.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	9.6	-	-
-	-	-	-	9.1
-	-	9.6	-	9.1
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	9.6	9.5	-
-	9.7	-	-	-
-	9.7	9.6	9.5	-
6.1	6.3	6.1	6.0	5.6

MANITOULIN

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	-	-	-	-
1	-	2	1	1
1	-	2	1	1

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
9	26	25	17	16
-	-	-	-	-
-	-	-	-	-
-	12	12	3	4
-	-	-	-	-
-	-	-	-	-
9	37	37	20	20

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	2	-
1	1	1	1	3
-	-	2	1	-
9	11	13	11	12
-	2	2	2	3
5	6	7	4	6
15	21	25	21	24

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

-	-	-	-	-
3	1	5	5	3
2	2	-	7	6
5	3	5	4	3
1	-	-	-	-
6	3	6	6	3
17	9	16	22	15

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1	1	-
-	-	3	1	-
-	-	1	-	-
-	-	5	2	-

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
-	-	-	-	-
-	-	1	1	-
-	-	1	1	-

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	2	-	1	-
-	-	-	-	-
-	2	-	1	-

MANITOULIN

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis
County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
—	—	—	—	—
9.3	—	19.4	9.6	9.5
9.3	—	19.4	9.6	9.5
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs
County
Province

1985	1986	1987	1988	1989
81.2	248.5	242.3	159.3	142.7
—	—	—	—	—
—	—	—	—	—
—	115.2	117.7	30.0	38.8
—	—	—	—	—
—	—	—	—	—
81.2	363.7	360.0	189.3	181.5
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	Poisoning by Analgesics, Antipyretics...
	Poisoning by Sedatives and Hypnotics
	Poisoning by Psychotropic Agents
	County Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	9.7	—	19.0	—
9.3	9.7	9.6	9.5	27.3
—	—	19.2	9.5	—
84.1	106.8	125.0	104.8	109.1
—	19.4	19.2	19.0	27.3
46.7	58.3	67.3	38.1	54.5
140.2	203.9	240.4	200.0	218.2
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	Province
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
	County	Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
28.0	9.7	48.1	47.6	27.3
18.7	19.4	—	66.7	54.5
46.7	29.1	48.1	38.1	27.3
9.3	—	—	—	—
56.1	29.1	57.7	57.1	27.3
158.9	87.4	153.8	209.5	136.4
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	9.6	9.5	—
—	—	28.8	9.5	—
—	—	9.6	—	—
—	—	48.1	19.0	—
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	County
	Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	—	—	—	—
—	—	9.6	9.5	—
—	—	9.6	9.5	—
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined
County
Province

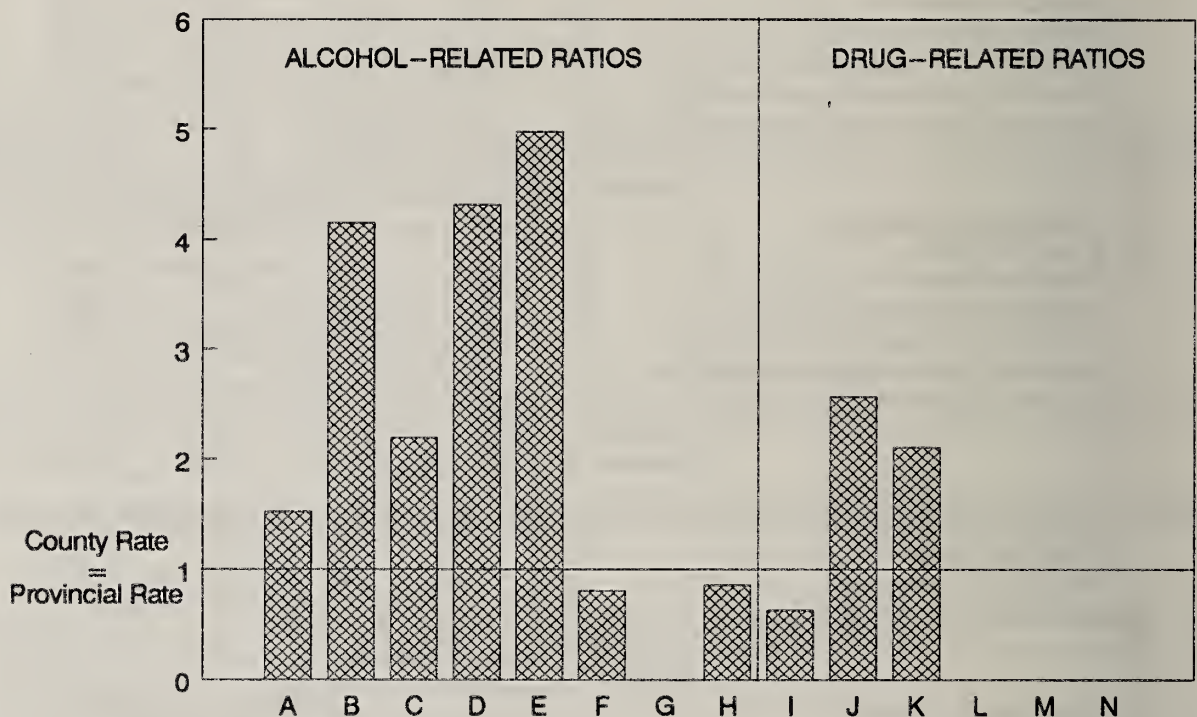
1984	1985	1986	1987	1988
—	—	—	—	—
—	18.7	—	9.6	—
—	—	—	—	—
—	18.7	—	9.6	—
4.1	3.4	3.5	3.6	3.6

MANITOULIN

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	1.7	1.7	1.7	1.6	1.7	1.8	1.7
10-14	1.0	1.0	0.9	0.8	0.9	0.9	0.8
15-19	1.2	1.1	1.0	0.8	0.8	0.8	0.8
20-29	1.9	2.0	2.2	1.5	1.5	1.5	1.5
30-39	1.2	1.2	1.2	1.2	1.2	1.3	1.3
40-49	1.0	0.8	0.9	1.0	1.0	1.1	1.2
50-59	1.0	0.9	0.8	1.2	1.1	1.0	1.2
60-64	0.4	0.4	0.4	0.6	0.5	0.5	0.6
65-74	0.9	0.8	0.8	0.9	1.0	0.8	1.1
75+	0.5	0.5	0.5	0.7	0.7	0.7	0.8
Total Population	10.9	10.7	10.7	10.3	10.4	10.5	11.0
Aged 15 and Over	8.2	8.0	8.1	7.9	7.8	7.8	8.5
Aged 20 and Over	7.0	6.9	7.1	7.1	7.0	7.0	7.7

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

MIDDLESEX

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,672.8
	170,606
	40,798
	18,096

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
5,913	5,893	5,944	5,662	5,729
n.a.	7	1	4	2
n.a.	11	13	9	13
1,675	1,753	1,667	1,568	1,725
24	115	125	99	128
7,612	7,779	7,750	7,342	7,597

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
384	300	266	316	374
406	324	341	345	315
14	18	15	15	10
804	642	622	676	699

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
64	55	53	70	67
113	130	144	138	144
24	23	34	22	27
129	110	131	165	101
4	7	12	7	5
334	325	374	402	344

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

30	29	33	38	26
280	331	306	308	319
31	35	43	76	82
146	126	142	122	140
6	2	4	2	6
493	523	528	546	573

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	10	9	6	3
167	145	151	134	120
2	4	5	1	3
171	159	165	141	126

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	2	2	1	3
29	48	53	45	47
2	3	-	2	1
31	53	55	48	51

MIDDLESEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.6
				61,222
				14,640
				6,494

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,794.5	1,767.5	1,757.0	1,642.1	1,625.7
n.a.	2.1	0.3	1.2	0.6
n.a.	3.3	3.8	2.6	3.7
508.3	525.8	492.8	454.8	489.5
7.3	34.5	36.9	28.7	36.3
2,310.2	2,333.2	2,290.9	2,129.4	2,155.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
116.5	90.0	78.6	91.6	106.1
123.2	97.2	100.8	100.1	89.4
4.2	5.4	4.4	4.4	2.8
244.0	192.6	183.9	196.1	198.4
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
19.4	16.5	15.7	20.3	19.0
34.3	39.0	42.6	40.0	40.9
7.3	6.9	10.1	6.4	7.7
39.2	33.0	38.7	47.9	28.7
1.2	2.1	3.5	2.0	1.4
101.4	97.5	110.6	116.6	97.6
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
9.1	8.7	9.8	11.0	7.4
85.0	99.3	90.5	89.3	90.5
9.4	10.5	12.7	22.0	23.3
44.3	37.8	42.0	35.4	39.7
1.8	0.6	1.2	0.6	1.7
149.6	156.9	156.1	158.4	162.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.6	3.0	2.7	1.7	0.9
50.7	43.5	44.6	38.9	34.1
0.6	1.2	1.5	0.3	0.9
51.9	47.7	48.8	40.9	35.8
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.6	0.6	0.3	0.9
8.8	14.4	15.7	13.1	13.3
0.6	0.9	-	0.6	0.3
9.4	15.9	16.3	13.9	14.5
6.1	6.3	6.1	6.0	5.6

MIDDLESEX

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
2	1	1	—	—
3	7	8	9	6
23	29	25	25	34
28	37	34	34	40

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
333	447	489	482	415
—	1	—	—	—
10	7	10	53	54
42	6	6	47	56
3	—	—	—	—
18	16	9	7	20
405	478	514	588	544

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
14	10	14	21	16
14	16	39	30	24
15	15	24	16	15
45	62	72	92	83
28	23	31	13	8
75	85	95	90	70
191	211	275	262	216

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
11	6	10	11	12
24	33	47	47	37
36	46	58	66	76
27	24	35	38	39
10	7	15	16	8
30	34	28	34	44
138	150	193	212	216

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	5	2	1	2
24	25	21	26	19
3	4	14	24	13
28	34	37	51	34

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	—	4	1
61	46	51	53	69
28	29	59	71	52
90	76	110	128	122

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	4	1	2	6
9	10	5	7	7
—	—	—	1	1
10	14	6	10	14

MIDDLESEX

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.6	0.3	0.3	—	—
0.9	2.1	2.4	2.7	1.7
7.1	8.8	7.5	7.4	9.9
8.6	11.2	10.2	10.1	11.6
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
101.0	134.2	144.5	139.7	117.8
—	0.4	—	—	—
2.9	2.1	3.1	15.3	15.3
12.6	1.8	1.8	13.7	15.8
0.8	—	—	—	—
5.5	4.9	2.5	1.9	5.6
122.9	143.3	152.0	170.6	154.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.2	3.0	4.1	6.1	4.5
4.2	4.8	11.5	8.7	6.8
4.6	4.5	7.1	4.6	4.3
13.7	18.6	21.3	26.7	23.6
8.5	6.9	9.2	3.8	2.3
22.8	25.5	28.1	26.1	19.9
58.0	63.3	81.3	76.0	61.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.3	1.8	3.0	3.2	3.4
7.3	9.9	13.9	13.6	10.5
10.9	13.8	17.1	19.1	21.6
8.2	7.2	10.3	11.0	11.1
3.0	2.1	4.4	4.6	2.3
9.1	10.2	8.3	9.9	12.5
41.9	45.0	57.0	61.5	61.3
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	1.5	0.6	0.3	0.6
7.3	7.5	6.2	7.5	5.4
0.9	1.2	4.1	7.0	3.7
8.5	10.2	10.9	14.8	9.6
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	0.3	—	1.2	0.3
18.5	13.8	15.1	15.4	19.6
8.5	8.7	17.4	20.6	14.8
27.3	22.8	32.5	37.1	34.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

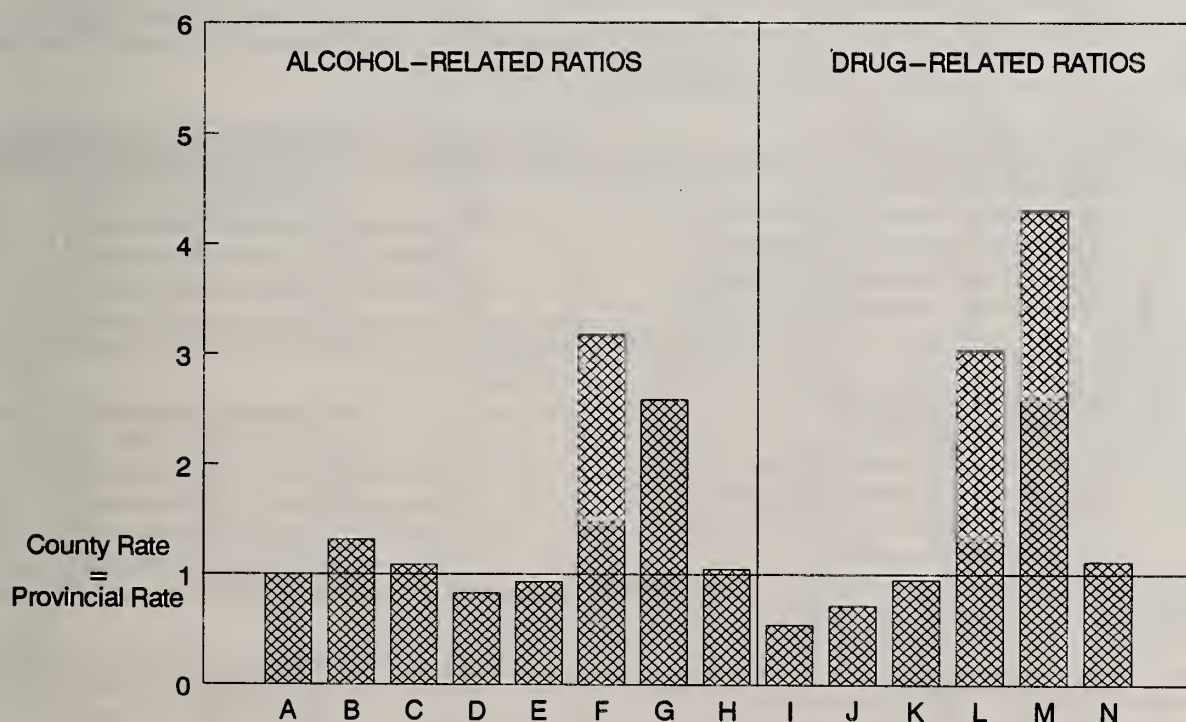
1984	1985	1986	1987	1988
0.3	1.2	0.3	0.6	1.7
2.8	3.0	1.5	2.1	2.0
—	—	—	0.3	0.3
3.1	4.2	1.8	3.0	4.1
4.1	3.4	3.5	3.6	3.6

MIDDLESEX

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	43.3	44.0	44.3	45.2	46.5	47.5	48.6
10-14	23.5	23.1	22.9	22.5	22.4	23.2	23.3
15-19	26.0	24.9	24.5	24.6	24.4	25.0	25.3
20-29	62.5	63.2	63.6	63.8	64.8	65.3	65.6
30-39	50.7	51.9	53.4	54.4	53.8	56.0	58.1
40-49	35.3	36.2	37.1	38.0	39.7	39.8	41.4
50-59	32.5	32.1	31.9	32.0	31.5	32.5	33.1
60-64	14.7	15.4	15.6	15.5	15.4	15.9	16.1
65-74	20.4	20.8	21.6	22.5	23.2	23.6	24.4
75+	13.4	13.9	14.6	15.1	16.4	15.9	16.5
Total Population	322.3	325.5	329.5	333.4	338.3	344.8	352.4
Aged 15 and Over	255.5	258.4	262.3	265.7	269.4	274.1	280.5
Aged 20 and Over	229.5	233.5	237.8	241.1	245.0	249.1	255.2

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

MUSKOKA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	636.0
	12,367
	10,164
	5,915

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,215	1,266	1,321	1,518	1,468
n.a.	-	-	-	1
n.a.	1	2	5	6
377	287	283	288	281
1	19	11	14	16
1,593	1,573	1,617	1,825	1,772

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
74	70	75	71	78
83	76	94	67	64
7	9	6	2	1
164	155	175	140	143

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
4	8	5	6	10
40	21	30	29	28
4	13	4	9	10
20	12	13	11	12
7	8	2	2	9
75	62	54	57	69

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

4	7	5	3	12
43	58	76	75	79
8	10	13	22	33
29	17	15	13	22
2	1	-	2	3
86	93	109	115	149

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1	1	1
18	15	14	12	16
2	2	1	3	-
20	17	16	16	17

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
6	4	4	-	4
1	1	3	1	1
7	5	7	1	5

MUSKOKA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				18.4
				35,805
				29,427
				17,125

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
3,022.4	3,141.4	3,183.1	3,530.2	3,298.9
n.a.	-	-	-	2.2
n.a.	2.5	4.8	11.6	13.5
937.8	712.2	681.9	669.8	631.5
2.5	47.1	26.5	32.6	36.0
3,962.7	3,903.2	3,896.4	4,244.2	3,982.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
184.1	173.7	180.7	165.1	175.3
206.5	188.6	226.5	155.8	143.8
17.4	22.3	14.5	4.7	2.2
408.0	384.6	421.7	325.6	321.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.0	19.9	12.0	14.0	22.5
99.5	52.1	72.3	67.4	62.9
10.0	32.3	9.6	20.9	22.5
49.8	29.8	31.3	25.6	27.0
17.4	19.9	4.8	4.7	20.2
186.6	153.8	130.1	132.6	155.1
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.0	17.4	12.0	7.0	27.0
107.0	143.9	183.1	174.4	177.5
19.9	24.8	31.3	51.2	74.2
72.1	42.2	36.1	30.2	49.4
5.0	2.5	-	4.7	6.7
213.9	230.8	262.7	267.4	334.8
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	2.4	2.3	2.2
44.8	37.2	33.7	27.9	36.0
5.0	5.0	2.4	7.0	-
49.8	42.2	38.6	37.2	38.2
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
14.9	9.9	9.6	-	9.0
2.5	2.5	7.2	2.3	2.2
17.4	12.4	16.9	2.3	11.2
6.1	6.3	6.1	6.0	5.6

MUSKOKA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	-	-	-	1
-	2	-	1	-
5	3	3	3	2
6	5	3	4	3

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
62	55	48	54	68
-	-	-	-	-
6	-	4	2	4
7	6	-	6	9
3	-	-	-	1
3	3	2	1	1
80	63	54	64	83

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	1	4	3
-	-	-	2	2
-	-	1	1	-
13	14	21	23	13
5	3	6	4	3
13	11	17	15	20
32	29	46	49	41

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	1	-	4	3
3	-	2	2	3
1	1	6	4	5
3	1	4	8	5
3	1	1	3	-
2	5	7	6	1
13	9	20	27	17

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	2	3	-
-	1	1	-	-
1	-	3	-	-
1	1	6	3	-

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	1	1	-
1	-	1	-	2
2	3	-	2	1
3	3	2	3	3

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	1	-
-	1	-	-	-
-	-	-	-	-
-	1	-	1	-

MUSKOKA

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

	1984	1985	1986	1987	1988
Alcohol Psychoses	2.5	—	—	—	2.3
Alcohol Dependence Syndrome	—	5.0	—	2.4	—
Chronic Liver Disease and Cirrhosis	12.6	7.5	7.4	7.2	4.7
County	15.1	12.4	7.4	9.6	7.0
Province	11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Marijuana	154.4	136.1	115.4	125.0	151.9
Heroin	—	—	—	—	—
Cocaine	13.7	—	9.5	5.7	8.1
Other Drugs	17.3	14.7	—	14.6	19.2
Controlled Drugs	6.6	—	—	—	3.2
Restricted Drugs	6.4	6.3	5.9	3.1	3.1
County	198.5	157.1	130.7	148.5	185.5
Province	219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

	1985-86	1986-87	1987-88	1988-89	1989-90
Primary Diagnoses					
Drug Psychoses	2.5	2.5	2.4	9.3	6.7
Drug Dependence	—	—	—	4.7	4.5
Nondependent Abuse of Drugs	—	—	2.4	2.3	—
Poisoning by Analgesics, Antipyretics...	32.3	34.7	50.6	53.5	29.2
Poisoning by Sedatives and Hypnotics	12.4	7.4	14.5	9.3	6.7
Poisoning by Psychotropic Agents	32.3	27.3	41.0	34.9	44.9
County	79.6	72.0	110.8	114.0	92.1
Province	73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Drug Psychoses	2.5	2.5	—	9.3	6.7
Drug Dependence	7.5	—	4.8	4.7	6.7
Nondependent Abuse of Drugs	2.5	2.5	14.5	9.3	11.2
Poisoning by Analgesics, Antipyretics...	7.5	2.5	9.6	18.6	11.2
Poisoning by Sedatives and Hypnotics	7.5	2.5	2.4	7.0	—
Poisoning by Psychotropic Agents	5.0	12.4	16.9	14.0	2.2
County	32.3	22.3	48.2	62.8	38.2
Province	60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Drug Psychoses	—	—	4.8	7.0	—
Drug Dependence	—	2.5	2.4	—	—
Nondependent Abuse of Drugs	2.5	—	7.2	—	—
County	2.5	2.5	14.5	7.0	—
Province	4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Drug Psychoses	—	—	2.4	2.3	—
Drug Dependence	2.5	—	2.4	—	4.5
Nondependent Abuse of Drugs	5.0	7.4	—	4.7	2.2
County	7.5	7.4	4.8	7.0	6.7
Province	6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

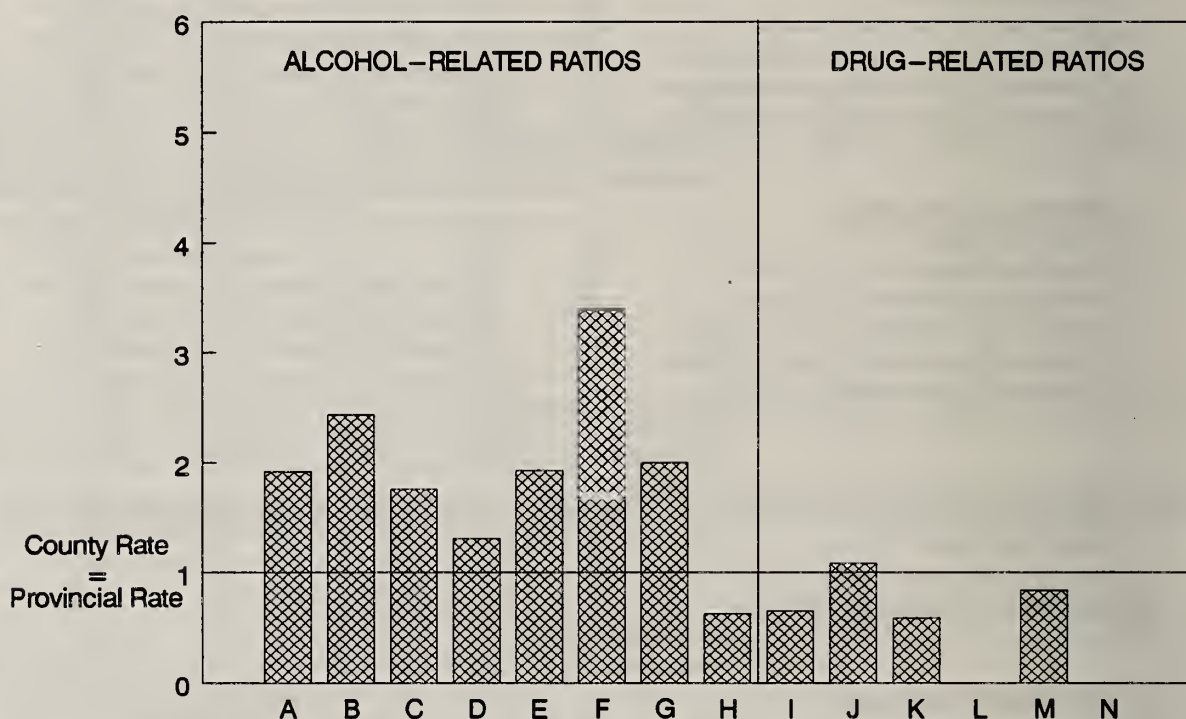
	1984	1985	1986	1987	1988
Accidental Poisoning	—	—	—	2.4	—
Suicide	—	2.5	—	—	—
Undetermined	—	—	—	—	—
County	—	2.5	—	2.4	—
Province	4.1	3.4	3.5	3.6	3.6

MUSKOKA

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	4.9	5.0	5.1	5.2	5.3	5.9	5.8
10-14	2.7	2.7	2.7	2.7	2.7	2.8	2.8
15-19	3.1	2.6	2.7	2.7	2.6	3.2	2.8
20-29	5.1	4.6	4.5	6.8	5.4	5.0	6.3
30-39	5.4	5.7	5.7	6.0	6.3	6.5	6.7
40-49	4.2	4.6	4.5	4.4	4.4	5.0	5.1
50-59	4.6	4.6	4.7	4.6	4.8	4.7	4.9
60-64	2.4	2.6	2.6	2.5	2.6	2.7	2.7
65-74	4.2	4.6	4.5	4.1	4.2	4.5	4.6
75+	2.3	2.6	2.7	2.5	2.8	2.8	2.8
Total Population	39.1	39.8	40.2	40.3	41.5	43.0	44.5
Aged 15 and Over	31.5	32.1	32.4	32.4	33.5	34.3	35.9
Aged 20 and Over	28.4	29.2	29.7	29.7	30.6	31.1	33.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,864.6
	188,052
	43,686
	19,332

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
2,348	2,684	2,724	4,270	3,914
n.a.	5	2	3	1
n.a.	21	15	13	19
1,441	1,124	1,146	1,260	1,189
48	29	40	59	49
3,837	3,863	3,927	5,605	5,172

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
486	476	482	493	522
521	497	552	375	408
23	23	22	10	19
1,030	996	1,056	878	949

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
51	49	59	47	41
208	233	216	244	208
51	64	47	69	54
169	117	138	146	150
14	14	19	19	20
493	477	479	525	473

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
26	29	41	39	29
350	378	371	365	387
54	70	56	72	62
225	221	205	203	197
13	8	10	10	11
668	706	683	689	686

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	-	1	-	-
3	11	8	14	3
-	-	-	-	2
5	11	9	14	5

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	-	1	1
4	5	4	9	2
-	-	-	-	-
5	6	4	10	3

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.4
				61,685
				14,330
				6,341

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
634.9	725.2	729.5	1,130.2	1,020.9
n.a.	1.4	0.5	0.8	0.3
n.a.	5.7	4.0	3.4	5.0
389.7	303.7	306.9	333.5	310.1
13.0	7.8	10.7	15.6	12.8
1,037.6	1,043.8	1,051.7	1,483.6	1,349.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED

TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
131.4	128.6	129.1	130.5	136.2
140.9	134.3	147.8	99.3	106.4
6.2	6.2	5.9	2.6	5.0
278.5	269.1	282.8	232.4	247.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
13.8	13.2	15.8	12.4	10.7
56.2	63.0	57.8	64.6	54.3
13.8	17.3	12.6	18.3	14.1
45.7	31.6	37.0	38.6	39.1
3.8	3.8	5.1	5.0	5.2
133.3	128.9	128.3	139.0	123.4
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.0	7.8	11.0	10.3	7.6
94.6	102.1	99.4	96.6	100.9
14.6	18.9	15.0	19.1	16.2
60.8	59.7	54.9	53.7	51.4
3.5	2.2	2.7	2.6	2.9
180.6	190.8	182.9	182.4	178.9
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.5	-	0.3	-	-
0.8	3.0	2.1	3.7	0.8
-	-	-	-	0.5
1.4	3.0	2.4	3.7	1.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	0.3	-	0.3	0.3
1.1	1.4	1.1	2.4	0.5
-	-	-	-	-
1.4	1.6	1.1	2.6	0.8
6.1	6.3	6.1	6.0	5.6

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	1	2	1
6	6	10	8	9
32	60	40	29	42
38	67	51	39	52

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
289	221	161	97	117
—	4	—	1	1
11	16	14	15	19
28	30	49	50	34
1	3	—	—	—
5	14	11	4	7
335	286	236	167	179

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
17	15	18	20	18
47	60	49	85	75
21	26	13	25	20
73	91	105	108	131
61	45	58	85	48
99	105	128	116	121
318	342	371	439	413

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

6	6	6	8	6
40	57	78	87	73
19	28	37	42	29
42	57	50	57	49
21	17	22	30	18
47	53	41	67	64
175	218	234	291	239

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	2	4	4	—
4	4	2	5	3
—	—	2	2	—
4	6	8	11	3

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
6	4	7	5	3
—	1	4	6	1
7	5	11	11	4

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	7	4	3	8
8	5	15	9	3
3	4	1	3	1
15	16	20	15	12

NIAGARA REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	0.3	0.3	0.5	0.3
1.6	1.6	2.7	2.1	2.4
8.7	16.2	10.8	7.8	11.1
10.3	18.1	13.8	10.4	13.8
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
78.2	59.6	43.2	25.6	30.5
—	1.0	—	0.4	0.3
3.0	4.2	3.9	3.9	5.0
7.5	8.0	13.1	13.3	8.9
0.4	0.8	—	—	—
1.4	3.7	2.9	1.1	1.8
90.5	77.4	63.1	44.2	46.6
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.6	4.1	4.8	5.3	4.7
12.7	16.2	13.1	22.5	19.6
5.7	7.0	3.5	6.6	5.2
19.7	24.6	28.1	28.6	34.2
16.5	12.2	15.5	22.5	12.5
26.8	28.4	34.3	30.7	31.6
86.0	92.4	99.4	116.2	107.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.6	1.6	1.6	2.1	1.6
10.8	15.4	20.9	23.0	19.0
5.1	7.6	9.9	11.1	7.6
11.4	15.4	13.4	15.1	12.8
5.7	4.6	5.9	7.9	4.7
12.7	14.3	11.0	17.7	16.7
47.3	58.9	62.7	77.0	62.3
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	0.5	1.1	1.1	—
1.1	1.1	0.5	1.3	0.8
—	—	0.5	0.5	—
1.1	1.6	2.1	2.9	0.8
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	—	—	—	—
1.6	1.1	1.9	1.3	0.8
—	0.3	1.1	1.6	0.3
1.9	1.4	2.9	2.9	1.0
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

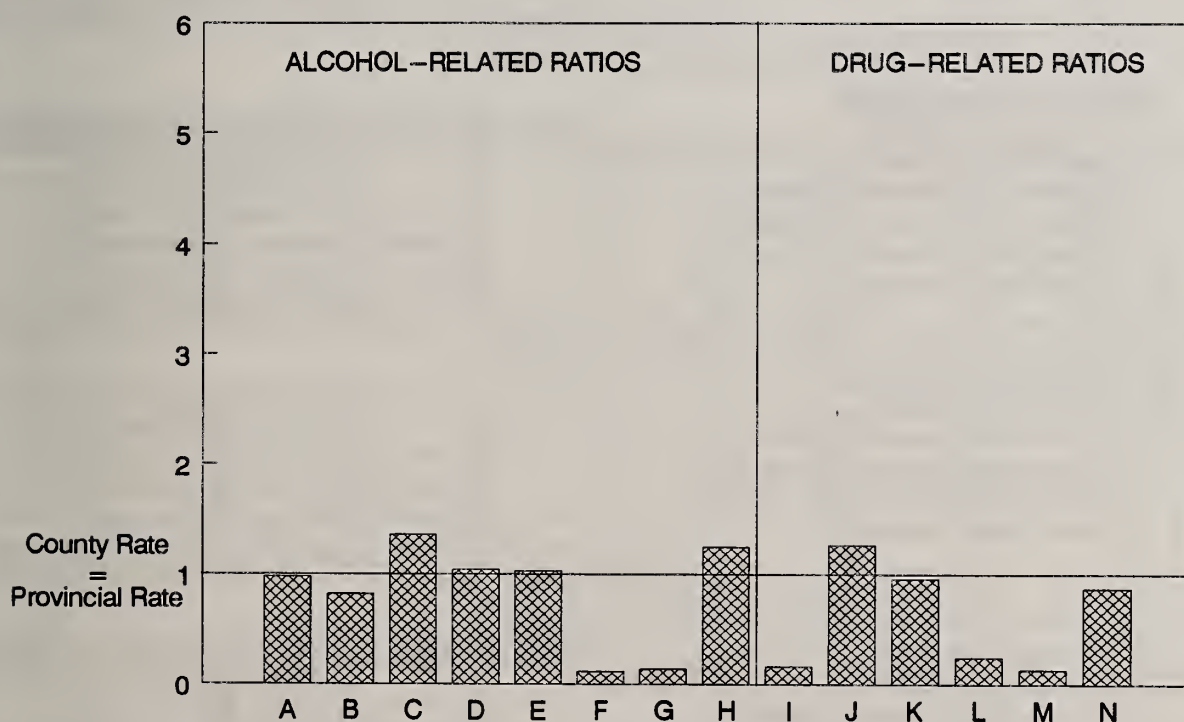
1984	1985	1986	1987	1988
1.1	1.9	1.1	0.8	2.1
2.2	1.4	4.1	2.4	0.8
0.8	1.1	0.3	0.8	0.3
4.1	4.3	5.4	4.0	3.2
4.1	3.4	3.5	3.6	3.6

NIAGARA REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	47.9	47.4	46.7	47.2	48.3	49.2	50.1
10-14	28.8	27.8	27.0	25.9	25.5	24.9	24.5
15-19	33.1	31.4	30.3	29.6	29.3	28.2	28.2
20-29	62.5	64.3	65.9	59.7	61.1	63.6	60.6
30-39	52.1	52.7	53.6	55.2	54.6	54.8	56.4
40-49	40.6	41.1	41.4	43.0	44.8	47.3	51.0
50-59	41.9	41.0	40.0	40.1	39.2	38.3	38.2
60-64	19.1	20.0	20.3	20.9	20.6	20.1	19.7
65-74	26.4	26.7	27.3	29.7	30.5	31.5	33.3
75+	16.8	17.1	17.3	18.7	19.2	20.1	21.4
Total Population	369.1	369.4	369.8	370.1	373.4	377.8	383.4
Aged 15 and Over	292.4	294.2	296.1	297.0	299.6	303.7	308.8
Aged 20 and Over	259.3	262.8	265.8	267.4	270.3	275.5	280.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

NIPISSING

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	717.9
	34,942
	11,412
	5,259

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,214	1,340	1,220	1,253	1,198
n.a.	-	1	-	-
n.a.	8	4	2	2
455	390	371	479	451
30	28	28	43	30
1,699	1,766	1,624	1,777	1,681

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
84	61	75	69	76
96	80	91	57	69
3	1	6	3	4
183	142	172	129	149

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
13	14	16	17	14
79	70	75	76	72
12	7	11	13	6
42	36	46	30	41
6	4	4	7	3
152	131	152	143	136

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

9	4	6	5	7
109	75	85	75	103
23	7	10	7	16
40	63	43	49	30
2	1	-	-	-
183	150	144	136	156

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	3	5	7	-
22	23	25	27	26
23	23	19	19	22
47	49	49	53	48

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

3	1	3	4	3
7	5	6	14	3
23	20	15	24	24
33	26	24	42	30

NIPISSING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.5
				55,756
				18,210
				8,392

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,529.0	1,694.1	1,536.5	1,550.7	1,448.6
n.a.	—	1.3	—	—
n.a.	10.1	5.0	2.5	2.4
573.0	493.0	467.3	592.8	545.3
37.8	35.4	35.3	53.2	36.3
2,139.8	2,232.6	2,045.3	2,199.3	2,032.6
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
105.8	77.1	94.5	85.4	91.9
120.9	101.1	114.6	70.5	83.4
3.8	1.3	7.6	3.7	4.8
230.5	179.5	216.6	159.7	180.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
16.4	17.7	20.2	21.0	16.9
99.5	88.5	94.5	94.1	87.1
15.1	8.8	13.9	16.1	7.3
52.9	45.5	57.9	37.1	49.6
7.6	5.1	5.0	8.7	3.6
191.4	165.6	191.4	177.0	164.4
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.3	5.1	7.6	6.2	8.5
137.3	94.8	107.1	92.8	124.5
29.0	8.8	12.6	8.7	19.3
50.4	79.6	54.2	60.6	36.3
2.5	1.3	—	—	—
230.5	189.6	181.4	168.3	188.6
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.5	3.8	6.3	8.7	—
27.7	29.1	31.5	33.4	31.4
29.0	29.1	23.9	23.5	26.6
59.2	61.9	61.7	65.6	58.0
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.8	1.3	3.8	5.0	3.6
8.8	6.3	7.6	17.3	3.6
29.0	25.3	18.9	29.7	29.0
41.6	32.9	30.2	52.0	36.3
6.1	6.3	6.1	6.0	5.6

NIPISSING

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	1	—	1
—	2	2	4	3
13	12	13	9	9
13	15	16	13	13

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
149	152	149	122	223
—	—	—	—	2
—	—	8	25	5
42	42	6	3	4
—	—	3	2	—
12	9	19	7	21
202	203	185	158	256

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	1	—	2
7	2	5	4	3
3	2	4	2	4
22	37	52	34	42
11	16	13	14	11
14	35	35	33	34
59	93	110	87	96

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	—	2	—	2
10	7	10	6	5
8	7	10	7	12
7	9	10	—	8
2	6	3	3	1
8	7	5	1	2
36	36	40	17	30

Mental Hospitals

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	3	—	3	5
—	3	—	3	5
3	9	—	8	10
9	15	—	14	20

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	4	—	4	1
2	1	1	5	3
8	9	13	11	20
10	14	14	20	24

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	—	3	1	—
2	2	3	1	2
—	—	1	—	—
4	2	7	2	2

NIPISSING

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis
County
Province

1984	1985	1986	1987	1988
—	1.3	1.3	—	1.2
—	2.5	2.5	5.0	3.7
16.3	15.1	16.4	11.3	11.1
16.3	18.9	20.2	16.4	16.1
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs
County
Province

1985	1986	1987	1988	1989
187.7	192.6	187.3	150.8	270.0
—	—	—	—	2.9
—	—	9.9	30.4	5.8
52.4	52.5	7.7	3.9	5.2
—	—	3.9	2.5	—
14.7	11.2	24.5	8.2	25.4
254.8	256.3	233.3	195.8	309.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	Poisoning by Analgesics, Antipyretics...
	Poisoning by Sedatives and Hypnotics
	Poisoning by Psychotropic Agents
	County Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.5	1.3	1.3	—	2.4
8.8	2.5	6.3	5.0	3.6
3.8	2.5	5.0	2.5	4.8
27.7	46.8	65.5	42.1	50.8
13.9	20.2	16.4	17.3	13.3
17.6	44.2	44.1	40.8	41.1
74.3	117.6	138.5	107.7	116.1
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	Poisoning by Analgesics, Antipyretics...
	Poisoning by Sedatives and Hypnotics
	Poisoning by Psychotropic Agents
	County Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	—	2.5	—	2.4
12.6	8.8	12.6	7.4	6.0
10.1	8.8	12.6	8.7	14.5
8.8	11.4	12.6	—	9.7
2.5	7.6	3.8	3.7	1.2
10.1	8.8	6.3	1.2	2.4
45.3	45.5	50.4	21.0	36.3
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
7.6	3.8	—	3.7	6.0
—	3.8	—	3.7	6.0
3.8	11.4	—	9.9	12.1
11.3	19.0	—	17.3	24.2
4.0	3.6	3.1	3.5	3.2

Mental	<u>Secondary Diagnoses</u>
	Drug Psychoses
	Drug Dependence
	Nondependent Abuse of Drugs
	County
	Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	5.1	—	5.0	1.2
2.5	1.3	1.3	6.2	3.6
10.1	11.4	16.4	13.6	24.2
12.6	17.7	17.6	24.8	29.0
6.6	7.2	8.4	8.7	8.0

MORTALITY

<u>From Drugs, Medicaments & Biologicals</u>
Accidental Poisoning
Suicide
Undetermined
County
Province

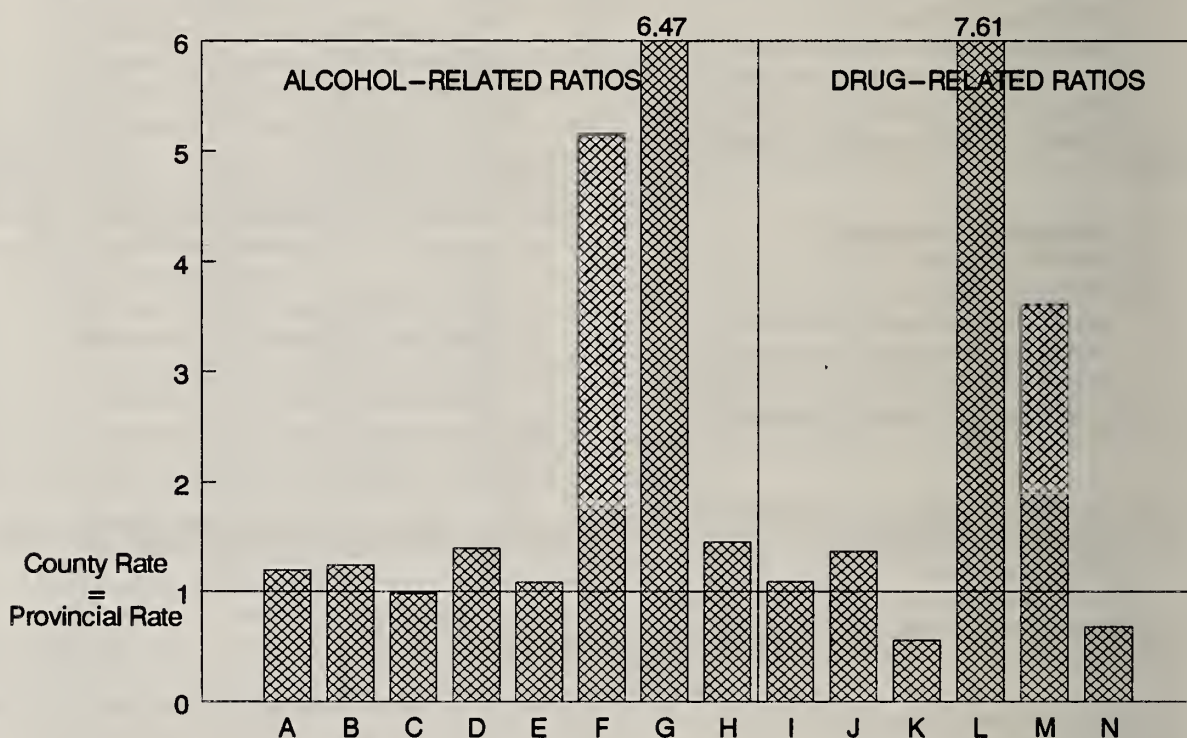
1984	1985	1986	1987	1988
2.5	—	3.8	1.3	—
2.5	2.5	3.8	1.3	2.5
—	—	1.3	—	—
5.0	2.5	8.8	2.5	2.5
4.1	3.4	3.5	3.6	3.6

NIPISSING

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	11.2	11.1	11.0	11.3	11.1	11.5	11.8
10-14	6.6	6.5	6.2	6.3	6.0	5.8	5.8
15-19	8.1	7.4	6.9	6.7	6.7	6.6	6.4
20-29	13.6	14.3	14.7	13.4	13.3	13.8	13.9
30-39	11.0	11.2	11.1	11.5	11.5	11.8	12.1
40-49	9.4	9.3	9.3	9.9	9.9	10.2	11.3
50-59	8.2	8.2	8.1	8.3	8.3	8.3	8.2
60-64	3.5	3.5	3.5	3.6	3.6	3.7	3.7
65-74	5.1	5.1	9.3	5.5	5.7	5.7	6.0
75+	2.9	3.0	3.1	3.1	3.3	3.3	3.5
Total Population	79.7	79.7	79.4	79.1	79.4	80.8	82.7
Aged 15 and Over	61.9	62.1	62.2	61.5	62.3	63.5	65.1
Aged 20 and Over	53.8	54.7	55.3	54.8	55.6	56.9	58.7

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

NORTHUMBERLAND

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	530.6
	34,460
	8,129
	3,596

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,027	1,160	1,125	1,118	1,125
n.a.	—	—	1	—
n.a.	3	8	2	4
367	370	322	374	401
4	19	9	15	20
1,398	1,552	1,464	1,510	1,550

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
93	66	77	93	90
119	96	110	105	86
12	6	9	6	6
224	168	196	204	182

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
12	13	5	16	12
40	56	46	50	47
3	14	14	7	11
25	41	19	43	34
2	2	7	6	6
82	126	91	122	110

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

7	7	7	8	6
117	106	104	124	116
17	22	19	19	24
44	42	60	62	39
1	1	1	5	3
186	178	191	218	188

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1	—	3
1	1	2	6	8
—	—	—	—	—
1	1	3	6	11

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

—	—	—	2	2
2	2	3	5	2
—	—	—	—	—
2	2	3	7	4

NORTHUMBERLAND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.5
				61,448
				14,495
				6,412

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,532.8	1,713.4	1,628.1	1,581.3	1,541.1
n.a.	-	-	1.4	-
n.a.	4.4	11.6	2.8	5.5
547.8	546.5	466.0	529.0	549.3
6.0	28.1	13.0	21.2	27.4
2,086.6	2,292.5	2,118.7	2,135.8	2,123.3
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
138.8	97.5	111.4	131.5	123.3
177.6	141.8	159.2	148.5	117.8
17.9	8.9	13.0	8.5	8.2
334.3	248.2	283.6	288.5	249.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
17.9	19.2	7.2	22.6	16.4
59.7	82.7	66.6	70.7	64.4
4.5	20.7	20.3	9.9	15.1
37.3	60.6	27.5	60.8	46.6
3.0	3.0	10.1	8.5	8.2
122.4	186.1	131.7	172.6	150.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.4	10.3	10.1	11.3	8.2
174.6	156.6	150.5	175.4	158.9
25.4	32.5	27.5	26.9	32.9
65.7	62.0	86.8	87.7	53.4
1.5	1.5	1.4	7.1	4.1
277.6	262.9	276.4	308.3	257.5
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1.4	-	4.1
1.5	1.5	2.9	8.5	11.0
-	-	-	-	-
1.5	1.5	4.3	8.5	15.1
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	2.8	2.7
3.0	3.0	4.3	7.1	2.7
-	-	-	-	-
3.0	3.0	4.3	9.9	5.5
6.1	6.3	6.1	6.0	5.6

NORTHUMBERLAND

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
1	1	-	-	2
8	6	6	5	2
9	7	6	5	4

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
92	133	91	66	123
-	-	-	-	2
-	3	5	-	16
21	47	6	16	30
-	-	-	-	1
9	3	5	4	3
122	186	107	85	175

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	1	2	1
1	7	9	7	8
3	3	1	5	7
17	22	28	17	18
12	8	12	6	4
18	19	22	23	19
53	60	73	60	57

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	-	3	1	6
11	8	16	14	19
28	16	28	34	41
11	9	16	12	9
2	2	4	3	5
11	6	6	11	4
65	41	73	75	84

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	1	-	-
1	-	2	2	1
1	-	-	1	-
2	-	3	3	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
3	-	3	3	1
1	1	-	1	1
4	1	3	4	2

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	1	1	-	-
1	-	1	2	2
-	-	1	-	1
1	1	3	2	3

NORTHUMBERLAND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
1.5	1.5	—	—	2.8
12.0	9.0	8.9	7.2	2.8
13.5	10.4	8.9	7.2	5.7
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
137.2	196.2	131.3	93.0	168.7
—	—	—	—	3.3
—	4.2	7.6	—	21.3
31.1	70.1	8.9	22.2	40.9
—	—	—	—	1.9
13.5	3.7	7.0	5.6	3.8
181.7	274.3	154.8	120.8	240.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.0	1.5	1.4	2.8	1.4
1.5	10.3	13.0	9.9	11.0
4.5	4.4	1.4	7.1	9.6
25.4	32.5	40.5	24.0	24.7
17.9	11.8	17.4	8.5	5.5
26.9	28.1	31.8	32.5	26.0
79.1	88.6	105.6	84.9	78.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

3.0	—	4.3	1.4	8.2
16.4	11.8	23.2	19.8	26.0
41.8	23.6	40.5	48.1	56.2
16.4	13.3	23.2	17.0	12.3
3.0	3.0	5.8	4.2	6.8
16.4	8.9	8.7	15.6	5.5
97.0	60.6	105.6	106.1	115.1
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.4	—	—
1.5	—	2.9	2.8	1.4
1.5	—	—	1.4	—
3.0	—	4.3	4.2	1.4
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	—
4.5	—	4.3	4.2	1.4
1.5	1.5	—	1.4	1.4
6.0	1.5	4.3	5.7	2.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

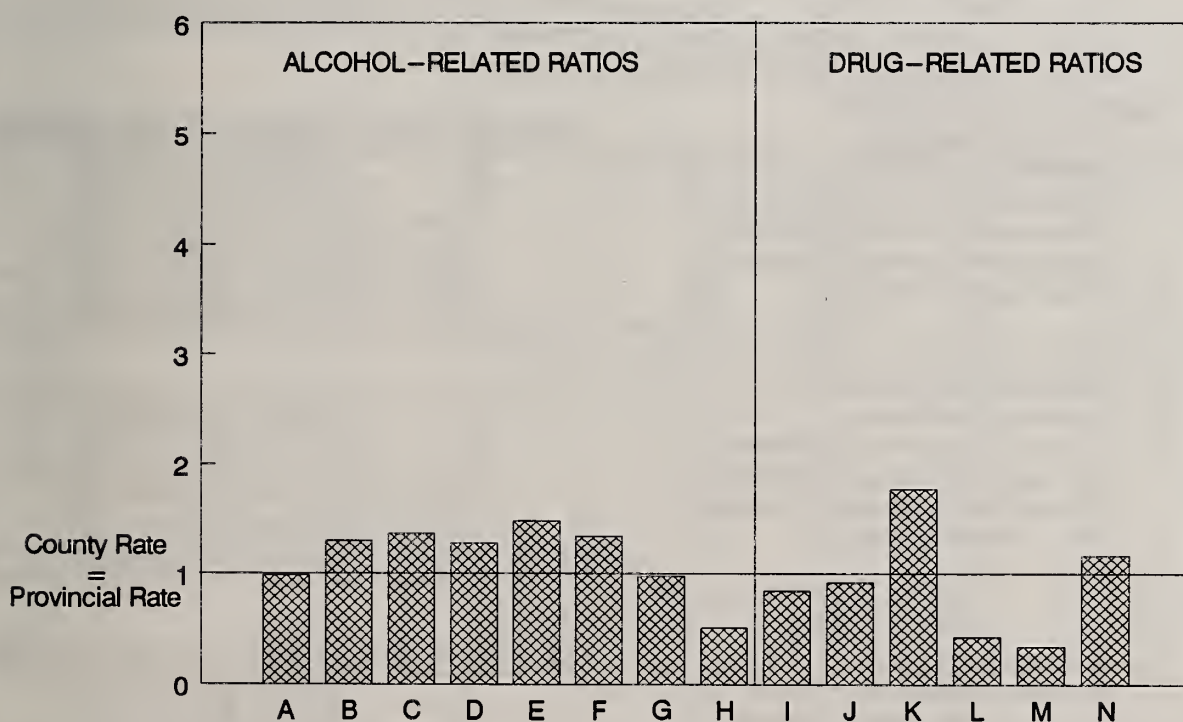
1984	1985	1986	1987	1988
—	1.5	1.5	—	—
1.5	—	1.5	2.9	2.8
—	—	1.5	—	1.4
1.5	1.5	4.4	2.9	4.2
4.1	3.4	3.5	3.6	3.6

NORTHUMBERLAND

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	9.2	9.2	9.5	9.2	9.6	10.1	10.1
10-14	5.2	5.2	5.3	4.8	5.1	5.2	5.1
15-19	6.4	6.4	6.5	5.0	5.0	5.1	5.3
20-29	9.7	5.7	9.7	10.1	10.5	11.0	10.6
30-39	8.9	9.0	9.0	10.1	10.3	10.6	11.0
40-49	6.8	6.9	6.9	7.5	7.8	8.4	8.3
50-59	7.5	7.5	7.6	7.0	7.0	6.7	7.5
60-64	3.5	3.5	3.5	3.9	3.7	3.4	4.1
65-74	5.7	5.7	5.8	6.2	6.3	6.3	6.8
75+	3.3	3.4	3.4	3.9	4.0	4.2	4.2
Total Population	66.1	66.6	67.0	67.7	69.1	70.7	73.0
Aged 15 and Over	51.7	52.2	52.2	53.7	54.4	55.4	57.8
Aged 20 and Over	45.3	45.8	45.7	48.7	49.4	50.3	52.5

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				4,701.6
				332,449
				70,633
				30,993

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
3,248	3,853	4,285	3,663	3,764
n.a.	-	5	4	1
n.a.	7	7	12	10
1,795	1,711	1,684	1,681	1,491
135	207	187	199	151
5,178	5,778	6,168	5,559	5,417

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
567	437	489	466	410
485	425	413	383	336
22	18	21	12	8
1,074	880	923	861	754

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
90	70	78	60	73
385	379	397	326	150
47	45	51	38	41
173	201	162	162	150
14	14	18	17	16
709	709	706	603	430

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

48	49	45	49	35
679	700	604	559	501
61	54	65	68	75
326	296	263	322	287
7	12	8	13	11
1,121	1,111	985	1,011	909

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	2	1	1	-
9	3	3	3	5
-	-	-	-	2
11	5	4	4	7

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	2	-	1
7	3	6	5	3
-	-	-	1	-
7	3	8	6	4

OTTAWA—CARLETON REGIONAL MUNICIPALITY

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988—89
				8.9
				63,075
				13,401
				5,880

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
543.1	635.2	697.1	586.1	593.4
n.a.	—	0.8	0.6	0.2
n.a.	1.2	1.1	1.9	1.6
300.2	282.1	274.0	269.0	235.1
22.6	34.1	30.4	31.8	23.8
865.9	952.5	1,003.4	889.4	854.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
94.8	72.0	79.6	74.6	64.6
81.1	70.1	67.2	61.3	53.0
3.7	3.0	3.4	1.9	1.3
179.6	145.1	150.2	137.8	118.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
15.1	11.5	12.7	9.6	11.5
64.4	62.5	64.6	52.2	23.6
7.9	7.4	8.3	6.1	6.5
28.9	33.1	26.4	25.9	23.6
2.3	2.3	2.9	2.7	2.5
118.6	116.9	114.9	96.5	67.8
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
8.0	8.1	7.3	7.8	5.5
113.5	115.4	98.3	89.4	79.0
10.2	8.9	10.6	10.9	11.8
54.5	48.8	42.8	51.5	45.2
1.2	2.0	1.3	2.1	1.7
187.5	183.2	160.2	161.8	143.3
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
0.3	0.3	0.2	0.2	—
1.5	0.5	0.5	0.5	0.8
—	—	—	—	0.3
1.8	0.8	0.7	0.6	1.1
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985—86	1986—87	1987—88	1988—89	1989—90
—	—	0.3	—	0.2
1.2	0.5	1.0	0.8	0.5
—	—	—	0.2	—
1.2	0.5	1.3	1.0	0.6
6.1	6.3	6.1	6.0	5.6

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	—	—	1	3
17	9	12	17	16
56	48	57	53	48
74	57	69	71	67

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
827	834	713	578	649
8	4	3	4	2
106	116	155	281	305
305	113	122	107	98
5	3	6	8	8
44	35	39	5	34
1,295	1,105	1,038	984	1,097

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
39	22	18	21	23
101	94	127	115	34
18	22	30	42	17
90	96	75	93	124
40	32	35	33	31
121	106	119	119	117
409	372	404	423	346

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
19	19	12	15	13
91	96	96	103	85
92	109	117	167	93
65	94	78	110	79
30	35	24	39	22
106	108	120	123	103
403	461	447	557	395

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	2	—	4	—
—	2	—	5	1
—	—	1	—	—
—	4	1	9	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	1	1	—
5	8	2	4	4
3	3	2	1	—
10	12	5	6	4

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	4	2	9	12
19	20	15	21	22
—	2	1	1	4
23	26	18	31	38

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
0.2	—	—	0.2	0.5
2.9	1.5	2.0	2.8	2.6
9.5	8.0	9.4	8.6	7.7
12.6	9.5	11.4	11.6	10.7
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
138.3	137.4	116.0	92.5	102.4
1.3	0.6	0.4	0.6	0.4
17.7	19.1	25.1	45.0	48.1
51.0	18.6	19.9	17.1	15.5
0.9	0.5	1.0	1.3	1.3
7.4	5.8	6.3	0.8	5.3
216.6	182.1	168.9	157.4	173.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
6.5	3.6	2.9	3.4	3.6
16.9	15.5	20.7	18.4	5.4
3.0	3.6	4.9	6.7	2.7
15.1	15.8	12.2	14.9	19.5
6.7	5.3	5.7	5.3	4.9
20.2	17.5	19.4	19.0	18.4
68.4	61.3	65.7	67.7	54.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
3.2	3.1	2.0	2.4	2.0
15.2	15.8	15.6	16.5	13.4
15.4	18.0	19.0	26.7	14.7
10.9	15.5	12.7	17.6	12.5
5.0	5.8	3.9	6.2	3.5
17.7	17.8	19.5	19.7	16.2
67.4	76.0	72.7	89.1	62.3
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	0.3	—	0.6	—
—	0.3	—	0.8	0.2
—	—	0.2	—	—
—	0.7	0.2	1.4	0.2
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	0.2	0.2	0.2	—
0.8	1.3	0.3	0.6	0.6
0.5	0.5	0.3	0.2	—
1.7	2.0	0.8	1.0	0.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

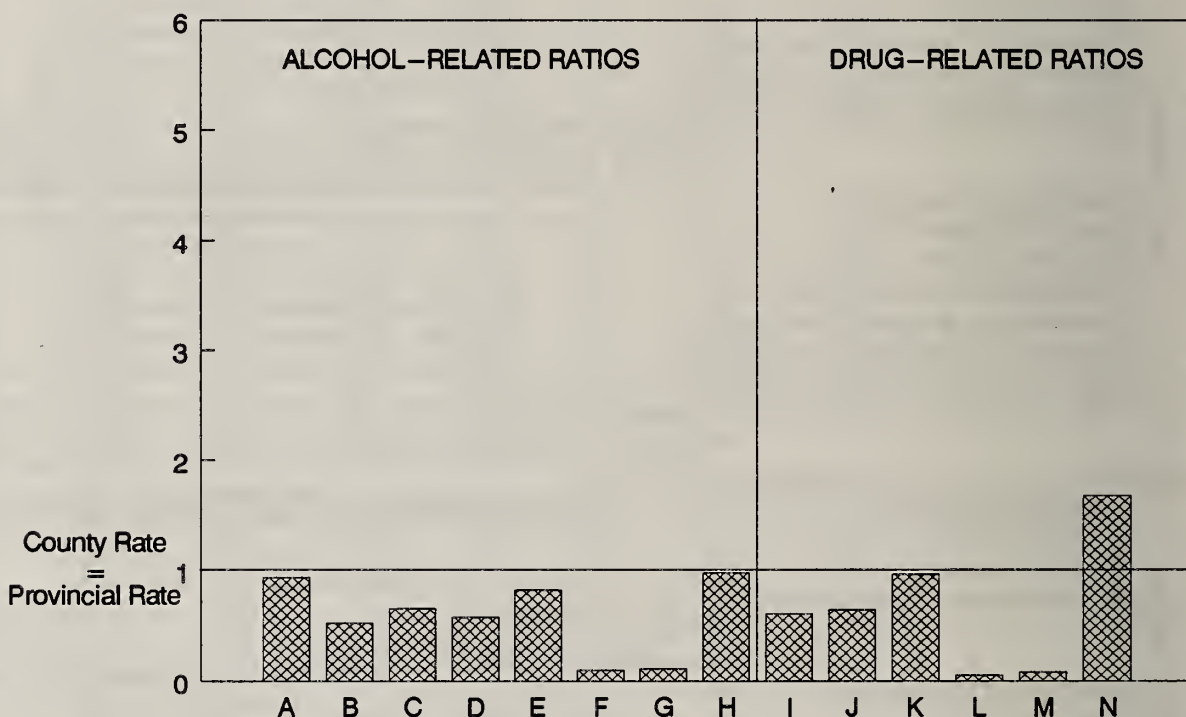
1984	1985	1986	1987	1988
0.7	0.7	0.3	1.5	1.9
3.2	3.3	2.5	3.4	3.5
—	0.3	0.2	0.2	0.6
3.9	4.3	3.0	5.0	6.1
4.1	3.4	3.5	3.6	3.6

OTTAWA-CARLETON REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	71.7	73.5	74.4	76.2	76.3	78.7	81.3
10-14	39.7	39.7	39.3	38.5	37.4	36.8	36.6
15-19	48.4	47.0	45.3	43.6	43.1	41.6	40.0
20-29	112.8	116.1	119.0	120.5	119.9	118.3	115.8
30-39	96.1	98.3	100.3	109.5	110.7	112.8	114.3
40-49	68.5	72.3	75.3	75.9	81.6	88.2	93.3
50-59	56.7	56.6	57.1	57.5	58.3	58.2	58.9
60-64	24.5	25.2	25.1	25.9	25.7	25.4	24.5
65-74	33.0	33.7	35.2	36.8	38.5	40.1	42.7
75+	22.9	25.5	27.1	22.1	23.1	24.9	26.9
Total Population	574.4	587.6	598.0	606.6	614.7	625.0	634.3
Aged 15 and Over	463.0	474.4	484.3	491.9	501.0	509.5	516.4
Aged 20 and Over	414.6	427.4	439.0	448.3	457.9	467.9	476.4

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	516.1
	44,383
	7,518
	3,269

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,498	1,531	1,396	1,289	1,336
n.a.	1	-	-	-
n.a.	3	1	3	5
502	539	487	396	415
35	36	32	32	22
2,035	2,110	1,916	1,720	1,778

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
76	71	68	79	68
90	88	101	94	67
4	2	9	7	6
170	161	178	180	141

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	6	7	7	5
77	87	102	82	86
19	24	22	24	17
19	18	27	24	28
3	8	4	5	2
128	143	162	142	138

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

5	3	5	1	7
72	73	76	87	85
10	16	8	22	16
49	31	31	39	27
2	-	1	1	3
138	123	121	150	138

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	1	-	2
24	30	19	21	26
-	2	1	1	-
25	33	21	22	28

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1	1	-	-	-
5	7	4	4	9
-	-	-	-	3
6	8	4	4	12

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				7.7
				66,253
				11,223
				4,880

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,756.2	1,792.7	1,615.7	1,471.5	1,491.1
n.a.	1.2	-	-	-
n.a.	3.5	1.2	3.4	5.6
588.5	631.1	563.7	452.1	463.2
41.0	42.2	37.0	36.5	24.6
2,385.7	2,470.7	2,217.6	1,963.5	1,984.4
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
89.1	83.1	78.7	90.2	75.9
105.5	103.0	116.9	107.3	74.8
4.7	2.3	10.4	8.0	6.7
199.3	188.5	206.0	205.5	157.4
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.7	7.0	8.1	8.0	5.6
90.3	101.9	118.1	93.6	96.0
22.3	28.1	25.5	27.4	19.0
22.3	21.1	31.2	27.4	31.2
3.5	9.4	4.6	5.7	2.2
150.1	167.4	187.5	162.1	154.0
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

5.9	3.5	5.8	1.1	7.8
84.4	85.5	88.0	99.3	94.9
11.7	18.7	9.3	25.1	17.9
57.4	36.3	35.9	44.5	30.1
2.3	-	1.2	1.1	3.3
161.8	144.0	140.0	171.2	154.0
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.2	1.2	1.2	-	2.2
28.1	35.1	22.0	24.0	29.0
-	2.3	1.2	1.1	-
29.3	38.6	24.3	25.1	31.2
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1.2	1.2	-	-	-
5.9	8.2	4.6	4.6	10.0
-	-	-	-	3.3
7.0	9.4	4.6	4.6	13.4
6.1	6.3	6.1	6.0	5.6

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
—	1	1	—	—
8	12	9	4	4
8	13	10	4	4

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
186	115	163	96	99
—	36	—	—	—
3	1	28	2	5
21	30	24	6	21
1	—	—	—	—
17	1	10	3	8
228	183	224	107	134

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
7	1	1	—	2
3	11	6	12	8
8	10	11	13	8
25	25	16	26	27
5	4	13	8	6
21	19	12	22	14
69	70	59	81	65

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	1	2	3	5
4	4	5	8	4
8	6	8	9	11
16	19	30	35	25
6	2	7	10	5
19	20	13	22	28
55	52	65	87	78

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	—	—	1	—
4	5	3	1	3
1	—	2	3	—
8	5	5	5	3

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
10	13	7	8	9
2	2	8	8	9
13	15	15	16	18

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	—	—	—	—
2	3	—	2	—
—	—	—	—	—
4	3	—	2	—

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
—	1.2	1.2	—	—
9.3	14.1	10.5	4.6	4.6
9.3	15.2	11.7	4.6	4.6
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
218.4	134.2	188.2	109.1	110.5
—	42.2	—	—	—
3.2	1.7	31.8	2.8	5.3
24.4	34.7	28.3	7.2	23.8
1.6	—	—	—	—
19.7	1.5	11.3	3.0	9.4
267.3	214.2	259.6	122.1	149.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.2	1.2	1.2	—	2.2
3.5	12.9	6.9	13.7	8.9
9.4	11.7	12.7	14.8	8.9
29.3	29.3	18.5	29.7	30.1
5.9	4.7	15.0	9.1	6.7
24.6	22.2	13.9	25.1	15.6
80.9	82.0	68.3	92.5	72.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

2.3	1.2	2.3	3.4	5.6
4.7	4.7	5.8	9.1	4.5
9.4	7.0	9.3	10.3	12.3
18.8	22.2	34.7	40.0	27.9
7.0	2.3	8.1	11.4	5.6
22.3	23.4	15.0	25.1	31.2
64.5	60.9	75.2	99.3	87.1
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.5	—	—	1.1	—
4.7	5.9	3.5	1.1	3.3
1.2	—	2.3	3.4	—
9.4	5.9	5.8	5.7	3.3
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1.2	—	—	—	—
11.7	15.2	8.1	9.1	10.0
2.3	2.3	9.3	9.1	10.0
15.2	17.6	17.4	18.3	20.1
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

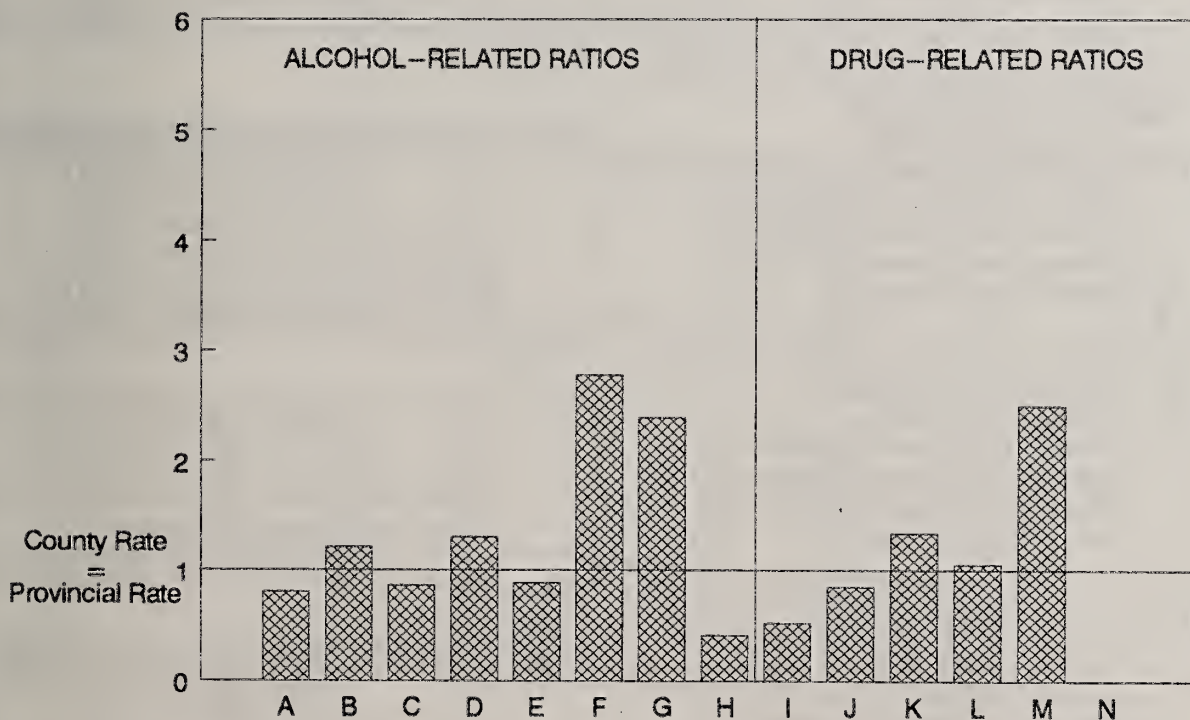
County
Province

1984	1985	1986	1987	1988
2.3	—	—	—	—
2.3	3.5	—	2.3	—
—	—	—	—	—
4.7	3.5	—	2.3	—
4.1	3.4	3.5	3.6	3.6

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	12.6	12.6	12.5	12.3	11.8	12.1	12.5
10-14	7.0	6.8	6.8	6.5	6.0	6.0	5.9
15-19	7.5	7.0	6.8	6.5	6.7	6.7	6.4
20-29	14.5	14.8	14.6	13.9	14.1	14.1	14.2
30-39	11.8	12.1	12.3	12.8	12.9	13.2	13.8
40-49	8.9	8.9	9.0	9.4	10.0	10.4	11.5
50-59	8.7	8.6	8.4	8.5	8.5	8.5	8.4
60-64	3.9	4.1	4.2	4.3	4.3	4.3	4.2
65-74	6.1	6.2	6.2	6.4	6.7	6.9	7.0
75+	4.5	4.7	4.9	4.9	5.2	5.4	5.7
Total Population	85.7	85.7	85.3	85.4	86.4	87.6	89.6
Aged 15 and Over	66.1	66.3	66.0	66.6	68.6	69.5	71.2
Aged 20 and Over	58.6	59.3	59.2	60.1	61.9	62.8	64.8

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

PARRY SOUND

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	388.9
	13,704
	6,325
	3,113

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
725	844	876	720	892
n.a.	2	1	-	1
n.a.	5	5	6	5
273	279	270	238	258
2	9	14	21	12
1,000	1,139	1,166	985	1,168

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
60	55	48	49	56
75	61	80	54	48
6	6	6	3	3
141	122	134	106	107

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	9	5	6	9
41	43	57	32	34
2	4	6	5	9
17	16	19	6	17
1	3	1	2	3
69	75	88	51	72

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

2	3	3	8	1
53	54	56	55	50
2	5	8	12	12
13	13	19	19	29
1	1	1	-	2
71	76	87	94	94

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	2	1	-
10	6	12	4	5
1	4	1	4	6
11	10	15	9	11

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1	-	-	-	-
5	4	3	3	-
5	5	2	6	4
11	9	5	9	4

General Hospitals

Mental Hospitals

PARRY SOUND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				13.8
				48,769
				22,509
				11,078

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,138.6	2,497.0	2,531.8	2,022.5	2,410.8
n.a.	5.9	2.9	-	2.7
n.a.	14.8	14.5	16.9	13.5
805.3	825.4	780.3	668.5	697.3
5.9	26.6	40.5	59.0	32.4
2,949.9	3,369.8	3,369.9	2,766.9	3,156.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
177.0	162.7	138.7	137.6	151.4
221.2	180.5	231.2	151.7	129.7
17.7	17.8	17.3	8.4	8.1
415.9	360.9	387.3	297.8	289.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
23.6	26.6	14.5	16.9	24.3
120.9	127.2	164.7	89.9	91.9
5.9	11.8	17.3	14.0	24.3
50.1	47.3	54.9	16.9	45.9
2.9	8.9	2.9	5.6	8.1
203.5	221.9	254.3	143.3	194.6
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.9	8.9	8.7	22.5	2.7
156.3	159.8	161.8	154.5	135.1
5.9	14.8	23.1	33.7	32.4
38.3	38.5	54.9	53.4	78.4
2.9	3.0	2.9	-	5.4
209.4	224.9	251.4	264.0	254.1
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	5.8	2.8	-
29.5	17.8	34.7	11.2	13.5
2.9	11.8	2.9	11.2	16.2
32.4	29.6	43.4	25.3	29.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	-	-	-	-
14.7	11.8	8.7	8.4	-
14.7	14.8	5.8	16.9	10.8
32.4	26.6	14.5	25.3	10.8
6.1	6.3	6.1	6.0	5.6

PARRY SOUND

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	1	-	-
-	-	-	2	3
4	7	2	8	6
4	7	3	10	9

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
58	111	72	81	97
-	-	-	3	-
-	1	1	-	5
-	47	24	3	-
-	2	-	2	-
3	3	10	3	1
61	164	107	92	103

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	-	4
-	1	2	-	2
-	-	-	-	1
12	15	16	13	9
3	2	1	6	6
7	13	11	9	11
22	32	30	28	33

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	1	1	-	2
3	4	1	6	4
2	2	2	2	1
2	6	1	2	2
1	-	1	-	4
3	4	2	2	5
13	17	8	12	18

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	6	-	-
1	1	3	-	-
2	-	9	-	1
4	2	18	-	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	1	-	-	-
-	1	3	-	-
2	4	5	-	4
3	6	8	-	4

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	-	1	1	-
-	-	-	-	-
-	-	1	1	-

PARRY SOUND

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	3.0	—	—
—	—	—	5.8	8.4
11.8	20.6	5.9	23.1	16.9
11.8	20.6	8.9	28.9	25.3
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
172.2	328.1	207.6	228.2	261.0
—	—	—	7.5	—
—	4.2	3.8	—	12.9
—	140.5	70.7	8.8	—
—	4.6	—	5.8	—
7.6	7.5	28.1	7.4	3.8
179.8	484.9	310.2	257.7	277.7
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	3.0	—	—	10.8
—	3.0	5.8	—	5.4
—	—	—	—	2.7
35.4	44.4	46.2	36.5	24.3
8.8	5.9	2.9	16.9	16.2
20.6	38.5	31.8	25.3	29.7
64.9	94.7	86.7	78.7	89.2
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.9	3.0	2.9	—	5.4
8.8	11.8	2.9	16.9	10.8
5.9	5.9	5.8	5.6	2.7
5.9	17.8	2.9	5.6	5.4
2.9	—	2.9	—	10.8
8.8	11.8	5.8	5.6	13.5
38.3	50.3	23.1	33.7	48.6
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	3.0	17.3	—	—
2.9	3.0	8.7	—	—
5.9	—	26.0	—	2.7
11.8	5.9	52.0	—	2.7
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.9	3.0	—	—	—
—	3.0	8.7	—	—
5.9	11.8	14.5	—	10.8
8.8	17.8	23.1	—	10.8
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

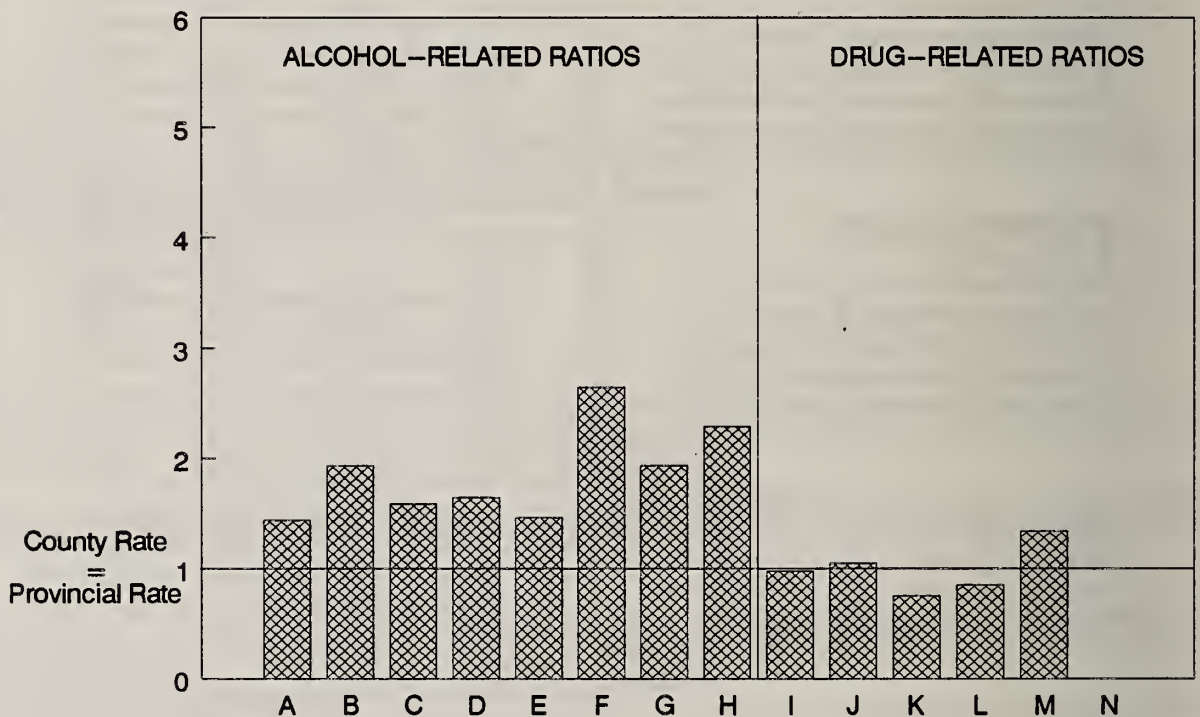
1984	1985	1986	1987	1988
—	—	—	—	—
—	—	3.0	2.9	—
—	—	—	—	—
—	—	3.0	2.9	—
4.1	3.4	3.5	3.6	3.6

PARRY SOUND

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	4.5	4.4	4.4	4.4	4.4	4.7	4.8
10-14	2.6	2.6	2.5	2.4	2.5	2.6	2.6
15-19	3.3	3.0	2.8	2.5	2.6	2.7	2.7
20-29	3.7	4.0	4.0	4.4	4.5	4.9	4.7
30-39	4.5	4.0	4.5	4.4	4.8	4.9	5.2
40-49	3.9	3.9	4.0	3.9	4.0	4.2	4.5
50-59	3.9	3.7	3.7	3.8	4.0	4.0	4.0
60-64	2.2	2.1	2.1	2.1	2.2	2.2	2.3
65-74	3.9	3.9	3.7	3.6	3.7	3.7	4.0
75+	1.8	1.9	2.0	2.0	2.0	2.2	2.2
Total Population	34.0	33.9	33.9	33.8	34.6	35.6	37.0
Aged 15 and Over	26.9	26.9	27.0	27.0	27.7	28.3	29.6
Aged 20 and Over	23.6	23.9	24.2	24.5	25.1	25.6	26.9

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

PEEL

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	4,747.7
	316,430
	72,341
	31,962

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
4,144	4,405	4,515	5,263	5,352
n.a.	2	4	5	7
n.a.	42	39	48	49
2,691	2,068	1,948	1,840	1,932
49	86	93	95	217
6,884	6,603	6,599	7,251	7,557

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
488	393	472	509	574
549	524	528	484	502
24	17	23	22	15
1,061	934	1,023	1,015	1,091

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
60	54	73	71	74
242	305	307	252	252
50	45	40	34	35
138	152	129	161	160
16	25	14	17	11
506	581	563	535	532

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
31	29	25	33	34
355	385	446	457	435
32	49	48	49	67
161	175	151	208	181
11	7	7	6	7
590	645	677	753	724

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	2	-	1	-
2	6	-	3	4
3	-	-	1	1
5	8	-	5	5

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	-	-
-	1	1	2	5
1	-	-	-	-
1	2	1	2	5

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.3
				62,007
				14,176
				6,263

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
725.7	744.1	734.4	821.3	800.8
n.a.	0.3	0.7	0.8	1.0
n.a.	7.1	6.3	7.5	7.3
471.3	349.3	316.9	287.1	289.1
8.6	14.5	15.1	14.8	32.5
1,205.6	1,115.4	1,073.4	1,131.6	1,130.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
85.5	66.4	76.8	79.4	85.9
96.1	88.5	85.9	75.5	75.1
4.2	2.9	3.7	3.4	2.2
185.8	157.8	166.4	158.4	163.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.5	9.1	11.9	11.1	11.1
42.4	51.5	49.9	39.3	37.7
8.8	7.6	6.5	5.3	5.2
24.2	25.7	21.0	25.1	23.9
2.8	4.2	2.3	2.7	1.6
88.6	98.1	91.6	83.5	79.6
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

5.4	4.9	4.1	5.1	5.1
62.2	65.0	72.5	71.3	65.1
5.6	8.3	7.8	7.6	10.0
28.2	29.6	24.6	32.5	27.1
1.9	1.2	1.1	0.9	1.0
103.3	109.0	110.1	117.5	108.3
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.3	-	0.2	-
0.4	1.0	-	0.5	0.6
0.5	-	-	0.2	0.1
0.9	1.4	-	0.8	0.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	0.2	-	-	-
-	0.2	0.2	0.3	0.7
0.2	-	-	-	-
0.2	0.3	0.2	0.3	0.7
6.1	6.3	6.1	6.0	5.6

PEEL

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	1	1	2	—
4	5	6	4	3
28	31	38	31	46
33	37	45	37	49

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
950	1,260	1,079	1,151	1,219
—	1	1	4	1
96	229	182	257	302
—	—	208	97	34
4	—	8	—	1
30	49	60	21	15
1,080	1,540	1,538	1,530	1,573

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
18	15	31	10	13
37	26	57	53	78
28	20	32	31	41
128	168	182	177	186
45	49	56	60	35
147	155	125	131	142
403	433	483	462	495

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	7	10	8	17
38	39	57	56	73
36	42	67	61	64
83	88	68	91	97
42	49	45	48	23
137	114	105	113	114
344	339	352	377	388

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	1	—	—	—
2	—	2	—	3
—	1	1	1	3
3	2	3	1	6

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	1	—	1	—
3	1	—	1	3
2	4	4	3	2
5	6	4	5	5

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
8	7	6	7	6
14	5	8	8	9
—	1	—	2	1
22	13	14	17	16

PEEL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.2	0.2	0.2	0.3	—
0.7	0.9	1.0	0.7	0.5
5.1	5.4	6.4	5.0	7.2
6.0	6.5	7.6	6.0	7.6
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
166.4	212.9	175.5	179.6	182.4
—	0.2	0.2	0.6	0.2
16.9	38.8	29.6	40.0	45.1
—	—	33.8	15.2	5.1
0.7	—	1.3	—	0.2
5.2	8.3	9.7	3.3	2.3
189.2	260.2	250.1	238.7	235.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.2	2.5	5.0	1.6	1.9
6.5	4.4	9.3	8.3	11.7
4.9	3.4	5.2	4.8	6.1
22.4	28.4	29.6	27.6	27.8
7.9	8.3	9.1	9.4	5.2
25.7	26.2	20.3	20.4	21.2
70.6	73.1	78.6	72.1	74.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.4	1.2	1.6	1.2	2.5
6.7	6.6	9.3	8.7	10.9
6.3	7.1	10.9	9.5	9.6
14.5	14.9	11.1	14.2	14.5
7.4	8.3	7.3	7.5	3.4
24.0	19.3	17.1	17.6	17.1
60.2	57.3	57.3	58.8	58.1
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.2	0.2	—	—	—
0.4	—	0.3	—	0.4
—	0.2	0.2	0.2	0.4
0.5	0.3	0.5	0.2	0.9
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	0.2	—	0.2	—
0.5	0.2	—	0.2	0.4
0.4	0.7	0.7	0.5	0.3
0.9	1.0	0.7	0.8	0.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

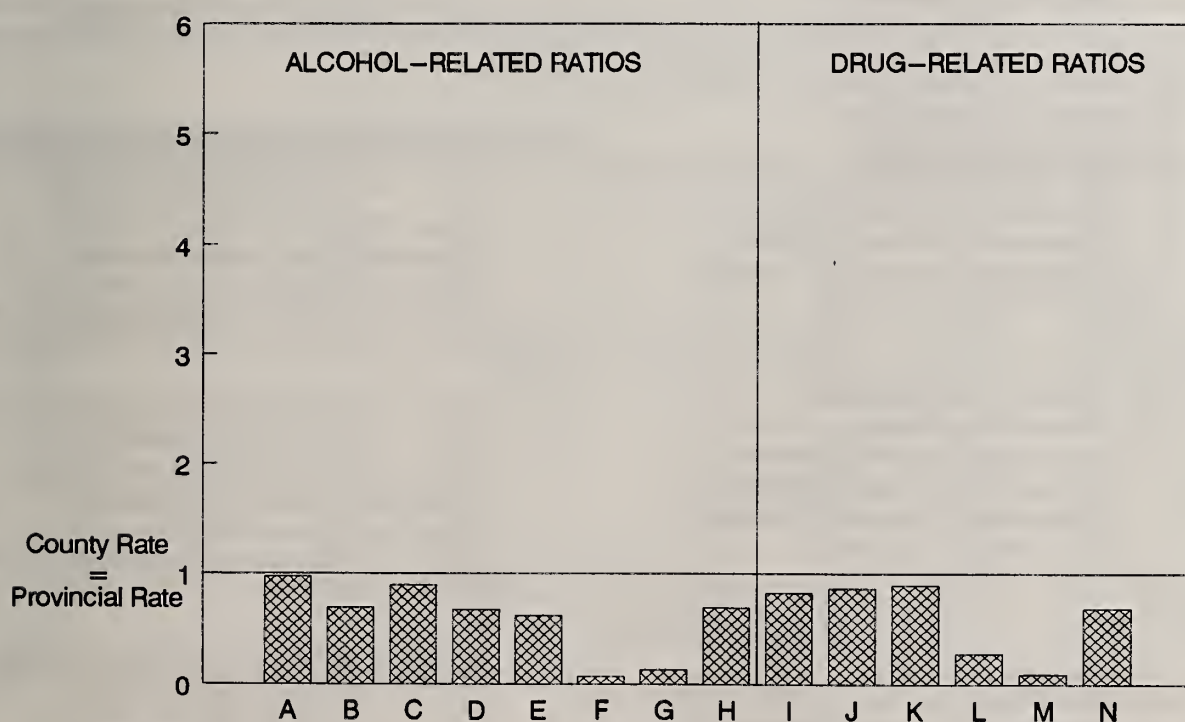
1984	1985	1986	1987	1988
1.5	1.2	1.0	1.1	0.9
2.5	0.9	1.4	1.3	1.4
—	0.2	—	0.3	0.2
4.0	2.3	2.4	2.8	2.5
4.1	3.4	3.5	3.6	3.6

PEEL

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	87.7	90.1	91.9	94.4	95.7	96.1	103.1
10-14	46.3	46.7	47.2	47.2	46.7	45.3	47.6
15-19	46.0	46.1	46.9	48.2	49.5	49.7	49.1
20-29	95.1	98.7	101.6	110.1	113.7	117.3	118.5
30-39	102.5	106.2	110.7	111.3	114.7	120.3	126.0
40-49	67.9	72.7	76.8	79.6	86.9	96.6	103.7
50-59	44.8	47.0	49.2	50.8	53.7	56.6	58.3
60-64	14.8	16.1	17.0	17.9	18.8	20.1	20.4
65-74	16.9	17.9	19.2	20.9	22.6	24.7	25.9
75+	9.1	9.9	10.5	11.7	12.5	14.1	15.7
Total Population	531.1	551.0	571.0	592.0	614.8	640.8	668.3
Aged 15 and Over	397.1	414.2	431.9	450.4	472.4	499.4	517.6
Aged 20 and Over	351.1	368.1	385.0	402.2	422.9	449.7	468.5

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

PERTH

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				463.8
				32,869
				6,983
				3,064

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,232	1,390	1,345	1,451	1,421
n.a.	-	-	1	-
n.a.	3	5	1	3
285	456	372	356	396
8	24	25	33	27
1,525	1,873	1,747	1,842	1,847

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
81	57	49	57	51
56	51	54	42	32
-	2	3	2	2
137	110	106	101	85

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
7	7	3	2	4
74	54	52	29	41
29	17	16	15	14
17	13	31	16	22
5	3	14	7	2
132	94	116	69	83

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

6	2	3	3	8
84	97	88	80	112
19	9	25	15	15
32	27	42	33	36
3	-	3	3	1
144	135	161	134	172

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	1	-	-
18	8	4	12	2
2	-	-	-	-
20	9	5	12	2

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	1	-
1	2	5	2	4
1	-	-	-	-
2	2	5	3	4

PERTH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				8.9
				63,076
				13,400
				5,880

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,852.6	2,087.1	2,001.5	2,133.8	2,059.4
n.a.	-	-	1.5	-
n.a.	4.5	7.4	1.5	4.3
428.6	684.7	553.6	523.5	573.9
12.0	36.0	37.2	48.5	39.1
2,293.2	2,812.3	2,599.7	2,708.8	2,676.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
121.8	85.6	72.9	83.8	73.9
84.2	76.6	80.4	61.8	46.4
-	3.0	4.5	2.9	2.9
206.0	165.2	157.7	148.5	123.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.5	10.5	4.5	2.9	5.8
111.3	81.1	77.4	42.6	59.4
43.6	25.5	23.8	22.1	20.3
25.6	19.5	46.1	23.5	31.9
7.5	4.5	20.8	10.3	2.9
198.5	141.1	172.6	101.5	120.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
9.0	3.0	4.5	4.4	11.6
126.3	145.6	131.0	117.6	162.3
28.6	13.5	37.2	22.1	21.7
48.1	40.5	62.5	48.5	52.2
4.5	-	4.5	4.4	1.4
216.5	202.7	239.6	197.1	249.3
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	1.5	1.5	-	-
27.1	12.0	6.0	17.6	2.9
3.0	-	-	-	-
30.1	13.5	7.4	17.6	2.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	1.5	-
1.5	3.0	7.4	2.9	5.8
1.5	-	-	-	-
3.0	3.0	7.4	4.4	5.8
6.1	6.3	6.1	6.0	5.6

PERTH

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	1
1	1	3	1	1
11	4	6	4	1
12	5	9	5	3

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
73	104	115	123	89
—	—	—	—	—
4	3	5	2	6
35	24	12	13	38
1	2	—	2	—
1	3	4	8	7
115	134	136	148	141

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	—	1	2	4
2	4	4	8	3
1	6	2	7	3
14	14	21	23	19
7	10	3	7	9
11	19	14	20	17
37	53	45	67	55

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

3	—	4	1	1
10	12	12	12	6
3	8	12	12	3
13	10	13	14	11
4	1	4	2	3
16	11	16	15	15
49	42	61	56	39

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
5	2	1	4	2
1	—	—	—	—
6	2	1	4	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	—
8	2	2	8	—
2	1	1	3	1
10	3	3	11	1

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	1	1	1
2	—	1	—	1
—	—	—	—	1
3	—	2	1	3

PERTH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	1.5
1.5	1.5	4.5	1.5	1.5
16.6	6.0	9.0	6.0	1.5
18.2	7.5	13.5	7.4	4.4
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
110.2	155.6	170.7	181.0	129.5
—	—	—	—	—
6.2	4.3	7.8	3.6	8.7
52.1	35.6	18.2	18.5	55.7
2.0	2.3	—	3.0	—
1.9	3.8	5.4	11.7	10.1
172.5	201.6	202.1	217.8	204.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
3.0	—	1.5	2.9	5.8
3.0	6.0	6.0	11.8	4.3
1.5	9.0	3.0	10.3	4.3
21.1	21.0	31.3	33.8	27.5
10.5	15.0	4.5	10.3	13.0
16.5	28.5	20.8	29.4	24.6
55.6	79.6	67.0	98.5	79.7
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
4.5	—	6.0	1.5	1.4
15.0	18.0	17.9	17.6	8.7
4.5	12.0	17.9	17.6	4.3
19.5	15.0	19.3	20.6	15.9
6.0	1.5	6.0	2.9	4.3
24.1	16.5	23.8	22.1	21.7
73.7	63.1	90.8	82.4	56.5
60.7	59.5	64.8	71.0	64.8

Mental Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
7.5	3.0	1.5	5.9	2.9
1.5	—	—	—	—
9.0	3.0	1.5	5.9	2.9
4.0	3.6	3.1	3.5	3.2

Mental Hospitals	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
	Province	

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
12.0	3.0	3.0	11.8	—
3.0	1.5	1.5	4.4	1.4
15.0	4.5	4.5	16.2	1.4
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

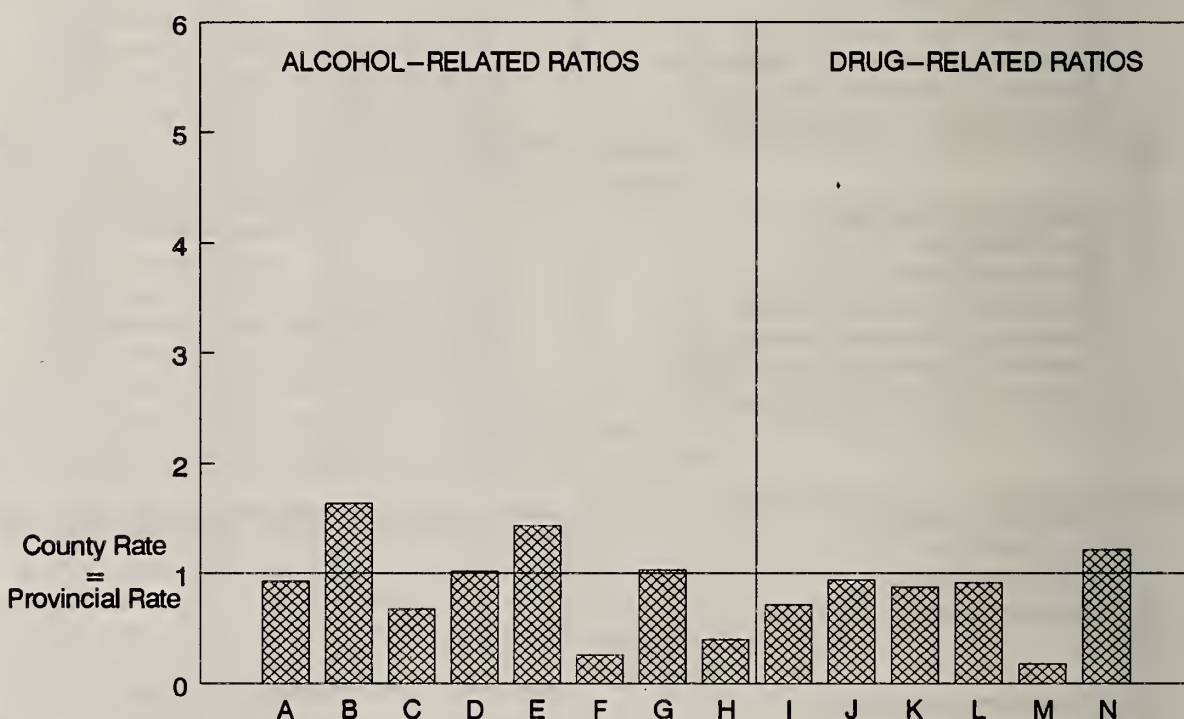
1984	1985	1986	1987	1988
1.5	—	1.5	1.5	1.5
3.0	—	1.5	—	1.5
—	—	—	—	1.5
4.5	—	3.0	1.5	4.4
4.1	3.4	3.5	3.6	3.6

PERTH

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	9.7	9.8	9.7	10.1	9.2	9.2	9.6
10-14	5.1	5.0	5.0	5.1	4.5	4.4	4.5
15-19	5.9	5.5	5.1	5.2	5.4	5.2	4.8
20-29	11.1	11.4	11.9	10.9	11.3	11.3	11.1
30-39	8.9	9.1	9.4	9.7	10.1	10.4	10.9
40-49	6.6	6.6	6.8	6.9	7.5	8.0	8.6
50-59	6.5	6.5	6.3	6.3	6.5	6.4	6.2
60-64	3.2	3.3	3.2	3.2	3.3	3.3	3.2
65-74	5.0	5.0	5.1	5.3	5.3	5.7	5.6
75+	3.9	3.9	4.0	4.0	4.2	4.3	4.5
Total Population	65.9	66.1	66.5	66.6	67.2	68.0	69.0
Aged 15 and Over	51.1	51.3	51.8	51.4	53.5	54.4	54.9
Aged 20 and Over	45.2	45.8	46.7	46.2	48.1	49.2	50.1

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

PETERBOROUGH

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	1,013.1
	47,307
	16,222
	7,536

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
1,471	1,718	1,577	1,243	1,150
n.a.	2	-	4	-
n.a.	9	10	11	8
815	766	715	820	852
10	13	11	19	19
2,296	2,508	2,313	2,097	2,029

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
143	87	120	139	127
145	137	130	106	111
2	7	5	9	-
290	231	255	254	238

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
15	14	16	16	23
103	98	79	71	66
12	4	5	10	6
36	41	26	41	30
4	2	2	2	1
170	159	128	140	126

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

14	9	10	8	12
127	156	110	145	143
8	6	5	9	4
52	38	44	52	59
-	2	1	3	1
201	211	170	217	219

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	-	1	1
6	2	7	4	7
-	-	-	-	1
7	2	7	5	9

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
7	1	4	2	4
1	1	-	1	-
8	2	4	3	4

PETERBOROUGH

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.7
				54,823
				18,799
				8,733

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,410.4	1,634.6	1,471.1	1,132.1	1,015.9
n.a.	1.9	—	3.6	—
n.a.	8.6	9.3	10.0	7.1
781.4	728.8	667.0	746.8	752.7
9.6	12.4	10.3	17.3	16.8
2,201.3	2,386.3	2,157.6	1,909.8	1,792.4
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
137.1	82.8	111.9	126.6	112.2
139.0	130.4	121.3	96.5	98.1
1.9	6.7	4.7	8.2	—
278.0	219.8	237.9	231.3	210.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.4	13.3	14.9	14.6	20.3
98.8	93.2	73.7	64.7	58.3
11.5	3.8	4.7	9.1	5.3
34.5	39.0	24.3	37.3	26.5
3.8	1.9	1.9	1.8	0.9
163.0	151.3	119.4	127.5	111.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
13.4	8.6	9.3	7.3	10.6
121.8	148.4	102.6	132.1	126.3
7.7	5.7	4.7	8.2	3.5
49.9	36.2	41.0	47.4	52.1
—	1.9	0.9	2.7	0.9
192.7	200.8	158.6	197.6	193.5
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.0	—	—	0.9	0.9
5.8	1.9	6.5	3.6	6.2
—	—	—	—	0.9
6.7	1.9	6.5	4.6	8.0
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
6.7	1.0	3.7	1.8	3.5
1.0	1.0	—	0.9	—
7.7	1.9	3.7	2.7	3.5
6.1	6.3	6.1	6.0	5.6

PETERBOROUGH

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	1	—
1	2	—	4	2
6	12	13	8	7
7	14	13	13	9

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
112	72	116	140	159
—	—	—	—	—
1	8	7	15	7
28	18	24	35	9
—	—	2	—	1
4	3	12	8	14
145	101	161	197	190

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	2	6	3	3
8	16	9	11	10
6	3	5	7	6
14	11	20	32	21
9	4	3	7	6
30	20	10	25	25
69	56	53	85	71

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	2	3	3	3
9	17	13	13	16
66	73	118	121	114
22	11	12	13	21
3	3	6	9	5
13	20	6	17	12
114	126	158	176	171

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	1	—
—	1	1	—	3
1	—	—	—	1
1	1	1	1	4

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	1	—
1	3	4	4	6
—	1	1	—	—
1	4	5	5	6

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	—	3	3	1
3	—	3	5	3
—	—	—	—	—
5	—	6	8	4

PETERBOROUGH

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	0.9	—
1.0	1.9	—	3.7	1.8
5.8	11.5	12.4	7.5	6.4
6.7	13.4	12.4	12.1	8.2
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
107.2	68.4	108.2	127.3	140.8
—	—	—	—	—
1.3	8.1	6.1	13.4	6.3
26.6	16.9	22.8	31.5	7.5
—	—	1.4	—	1.3
3.7	2.4	11.3	7.2	12.4
138.8	95.8	149.9	179.5	168.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	1.9	5.6	2.7	2.7
7.7	15.2	8.4	10.0	8.8
5.8	2.9	4.7	6.4	5.3
13.4	10.5	18.7	29.1	18.6
8.6	3.8	2.8	6.4	5.3
28.8	19.0	9.3	22.8	22.1
66.2	53.3	49.4	77.4	62.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.0	1.9	2.8	2.7	2.7
8.6	16.2	12.1	11.8	14.1
63.3	69.5	110.1	110.2	100.7
21.1	10.5	11.2	11.8	18.6
2.9	2.9	5.6	8.2	4.4
12.5	19.0	5.6	15.5	10.6
109.3	119.9	147.4	160.3	151.1
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	0.9	—
—	1.0	0.9	—	2.7
1.0	—	—	—	0.9
1.0	1.0	0.9	0.9	3.5
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	0.9	—
1.0	2.9	3.7	3.6	5.3
—	1.0	0.9	—	—
1.0	3.8	4.7	4.6	5.3
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

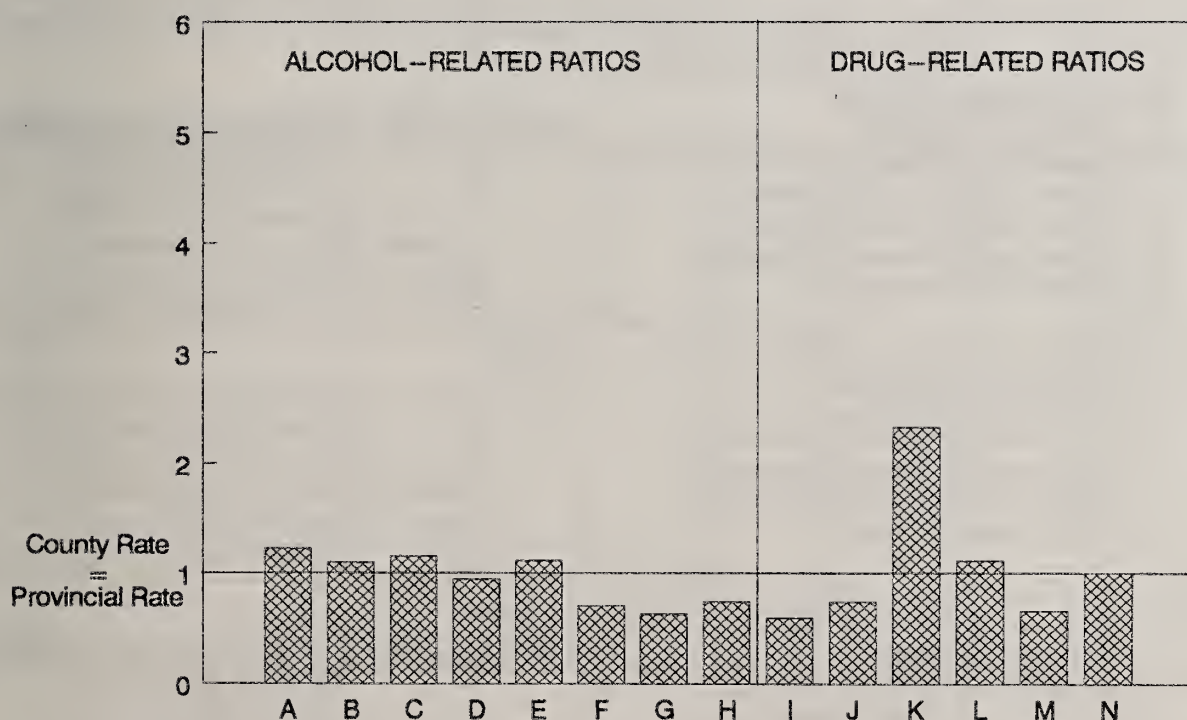
1984	1985	1986	1987	1988
1.9	—	2.9	2.8	0.9
2.9	—	2.9	4.7	2.7
—	—	—	—	—
4.8	—	5.7	7.5	3.6
4.1	3.4	3.5	3.6	3.6

PETERBOROUGH

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	13.6	13.6	13.7	13.9	14.3	14.8	15.2
10-14	7.7	7.5	7.3	7.2	7.4	7.5	7.6
15-19	8.8	8.5	8.3	7.9	8.1	8.1	8.3
20-29	16.4	16.5	16.5	16.0	16.3	16.5	16.8
30-39	14.8	15.1	15.5	15.8	15.9	16.4	17.1
40-49	10.8	11.0	11.3	11.7	11.8	12.3	12.8
50-59	11.2	11.1	10.6	11.0	11.2	11.3	11.6
60-64	5.8	6.0	5.9	6.1	6.2	6.4	6.5
65-74	9.1	9.3	9.6	9.9	10.2	10.5	10.9
75+	5.0	5.4	5.6	5.7	5.9	6.1	6.4
Total Population	103.1	103.8	104.3	105.1	107.2	109.8	113.2
Aged 15 and Over	81.8	82.7	83.3	84.0	85.5	87.5	90.4
Aged 20 and Over	73.0	74.2	75.0	76.1	77.4	79.4	82.1

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	341.9
	33,001
	4,855
	2,094

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
302	358	416	427	428
n.a.	-	-	1	1
n.a.	4	3	3	4
254	252	258	298	333
7	25	25	36	26
563	639	702	765	792

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
78	47	46	51	55
75	80	60	58	51
6	2	10	6	7
159	129	116	115	113

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
4	1	4	5	5
19	9	21	26	18
1	2	4	3	2
8	18	13	18	18
1	-	-	2	2
33	30	42	54	45

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

5	3	5	7	13
53	55	59	82	51
1	2	4	5	5
23	21	24	23	32
1	-	-	1	1
83	81	92	118	102

Total

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	-	-
2	-	2	3	-
-	-	-	-	-
2	1	2	3	-

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Total

PRESCOTT and RUSSELL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				7.0
				68,015
				10,006
				4,316

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
534.5	621.5	705.1	701.1	677.2
n.a.	-	-	1.6	1.6
n.a.	6.9	5.1	4.9	6.3
449.6	437.5	437.3	489.3	526.9
12.4	43.4	42.4	59.1	41.1
996.5	1,109.4	1,189.8	1,256.2	1,253.2
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
138.1	81.6	78.0	83.7	87.0
132.7	138.9	101.7	95.2	80.7
10.6	3.5	16.9	9.9	11.1
281.4	224.0	196.6	188.8	178.8
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
7.1	1.7	6.8	8.2	7.9
33.6	15.6	35.6	42.7	28.5
1.8	3.5	6.8	4.9	3.2
14.2	31.3	22.0	29.6	28.5
1.8	-	-	3.3	3.2
58.4	52.1	71.2	88.7	71.2
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.8	5.2	8.5	11.5	20.6
93.8	95.5	100.0	134.6	80.7
1.8	3.5	6.8	8.2	7.9
40.7	36.5	40.7	37.8	50.6
1.8	-	-	1.6	1.6
146.9	140.6	155.9	193.8	161.4
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	1.7	-	-	-
3.5	-	3.4	4.9	-
-	-	-	-	-
3.5	1.7	3.4	4.9	-
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
6.1	6.3	6.1	6.0	5.6

PRESCOTT and RUSSELL

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
2	—	1	1	2
5	3	4	4	3
7	3	5	5	5

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
56	56	39	48	36
1	1	3	3	6
3	20	56	22	38
28	12	61	3	17
—	—	2	—	1
1	5	4	1	1
89	94	165	77	100

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	4	5	2	1
6	3	13	16	8
2	5	12	4	6
10	7	11	9	8
6	7	6	12	6
11	11	17	14	12
40	37	64	57	41

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	2	3	2	1
10	9	15	8	4
26	30	28	38	29
5	12	6	12	10
4	6	5	5	2
5	8	12	9	9
52	67	69	74	55

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1	—	—
—	—	16	—	—
—	—	1	—	—
—	—	18	—	—

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	—
—	—	—	1	—
—	—	—	—	—
1	—	—	1	—

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	1	1	—	2
3	—	5	1	3
—	—	—	—	—
3	1	6	1	5

PRESCOTT and RUSSELL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	—
3.6	—	1.7	1.7	3.3
9.0	5.3	6.9	6.8	4.9
12.6	5.3	8.7	8.5	8.2
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
98.9	97.3	66.2	78.5	57.3
2.3	2.1	4.7	4.4	9.6
4.9	34.4	95.5	36.3	60.6
49.1	20.6	103.7	5.2	27.0
—	—	2.6	—	2.2
2.3	8.8	6.2	2.2	2.2
157.5	163.2	278.9	126.5	159.0
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
8.8	6.9	8.5	3.3	1.6
10.6	5.2	22.0	26.3	12.7
3.5	8.7	20.3	6.6	9.5
17.7	12.2	18.6	14.8	12.7
10.6	12.2	10.2	19.7	9.5
19.5	19.1	28.8	23.0	19.0
70.8	64.2	108.5	93.6	64.9
73.5	77.7	87.3	86.6	85.1

General Hospital	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.5	3.5	5.1	3.3	1.6
17.7	15.6	25.4	13.1	6.3
46.0	52.1	47.5	62.4	45.9
8.8	20.8	10.2	19.7	15.8
7.1	10.4	8.5	8.2	3.2
8.8	13.9	20.3	14.8	14.2
92.0	116.3	116.9	121.5	87.0
60.7	59.5	64.8	71.0	64.8

Mental Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
Mental Hospitals	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.7	—	—
—	—	27.1	—	—
—	—	1.7	—	—
—	—	30.5	—	—
4.0	3.6	3.1	3.5	3.2

Mental Hospitals	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	
Mental Hospitals	<u>Secondary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	County	

1985-86	1986-87	1987-88	1988-89	1989-90
1.8	—	—	—	—
—	—	—	1.6	—
—	—	—	—	—
1.8	—	—	1.6	—
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

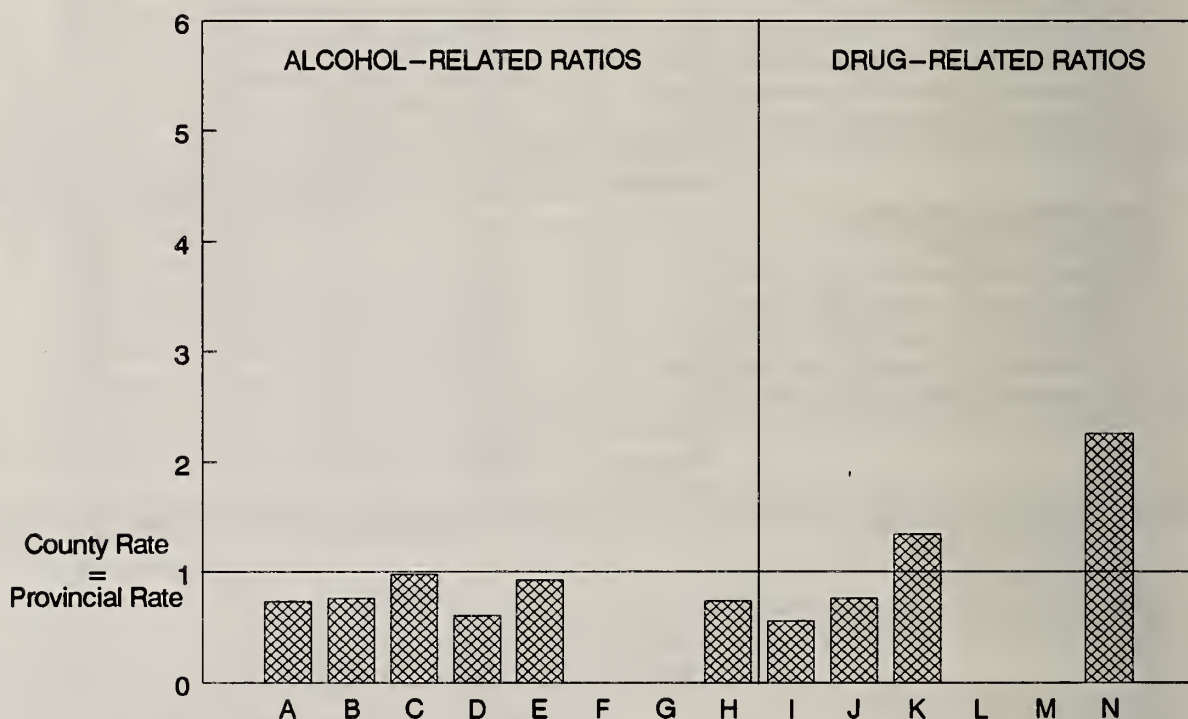
Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

1984	1985	1986	1987	1988
—	1.8	1.7	—	3.3
5.4	—	8.7	1.7	4.9
—	—	—	—	—
5.4	1.8	10.4	1.7	8.2
4.1	3.4	3.5	3.6	3.6

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	8.0	8.3	8.5	8.8	9.0	9.6	9.7
10-14	4.4	4.4	4.2	4.4	4.4	4.3	4.7
15-19	9.2	4.8	4.7	4.5	4.7	4.7	4.7
20-29	9.2	9.3	9.1	9.9	10.1	10.4	10.6
30-39	9.0	9.6	10.2	9.9	10.3	10.4	11.1
40-49	5.7	6.1	6.5	7.2	7.3	8.0	7.8
50-59	4.7	4.8	4.9	4.9	4.9	4.8	5.2
60-64	2.1	2.2	2.2	2.3	2.2	2.1	2.5
65-74	3.4	3.4	3.6	3.6	3.7	3.8	4.0
75+	2.3	2.5	2.9	2.5	2.5	2.7	2.9
Total Population	54.0	55.6	56.5	57.6	59.0	60.9	63.2
Aged 15 and Over	41.6	42.9	43.8	44.4	45.6	47.0	48.8
Aged 20 and Over	36.4	38.1	39.1	39.9	40.9	42.3	44.1

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

PRINCE EDWARD

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	128.0
	12,499
	1,808
	782

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
372	302	345	420	383
n.a.	-	-	-	-
n.a.	2	2	-	-
160	115	96	117	119
3	16	8	9	8
535	435	451	546	510

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
33	21	25	20	27
42	29	29	31	19
2	3	2	-	2
77	53	56	51	48

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	3	1	4	2
12	11	12	12	14
4	3	3	2	3
4	4	4	9	10
-	-	-	-	-
20	21	20	27	29

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

5	4	1	6	3
36	28	25	20	18
5	5	4	10	8
13	26	14	15	23
-	-	1	-	2
59	63	45	51	54

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
2	-	-	1	2
-	-	-	-	-
2	-	-	1	2

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	1	-
1	2	3	2	4
-	-	-	-	-
1	2	3	3	4

PRINCE EDWARD

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				7.0
				68,226
				9,869
				4,269

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,653.3	1,348.2	1,526.5	1,842.1	1,665.2
n.a.	-	-	-	-
n.a.	8.9	8.8	-	-
711.1	513.4	424.8	513.2	517.4
13.3	71.4	35.4	39.5	34.8
2,377.8	1,942.0	1,995.6	2,394.7	2,217.4
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
146.7	93.7	110.6	87.7	117.4
186.7	129.5	128.3	136.0	82.6
8.9	13.4	8.8	-	8.7
342.2	236.6	247.8	223.7	208.7
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	13.4	4.4	17.5	8.7
53.3	49.1	53.1	52.6	60.9
17.8	13.4	13.3	8.8	13.0
17.8	17.9	17.7	39.5	43.5
-	-	-	-	-
88.9	93.7	88.5	118.4	126.1
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
22.2	17.9	4.4	26.3	13.0
160.0	125.0	110.6	87.7	78.3
22.2	22.3	17.7	43.9	34.8
57.8	116.1	61.9	65.8	100.0
-	-	4.4	-	8.7
262.2	281.3	199.1	223.7	234.8
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
8.9	-	-	4.4	8.7
-	-	-	-	-
8.9	-	-	4.4	8.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	4.4	-
4.4	8.9	13.3	8.8	17.4
-	-	-	-	-
4.4	8.9	13.3	13.2	17.4
6.1	6.3	6.1	6.0	5.6

PRINCE EDWARD

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	2	1	-	-
1	4	1	3	-
1	6	2	3	-

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
78	38	50	25	34
-	-	-	-	1
1	-	4	-	2
-	-	12	6	-
4	-	-	-	-
1	1	-	1	8
85	39	67	33	46

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	-	2	1
1	-	3	-	2
-	-	2	2	1
8	4	4	7	3
2	1	2	2	1
7	5	3	4	2
19	10	14	17	10

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

-	-	2	1	1
-	2	-	1	3
2	3	2	6	4
11	2	2	6	5
-	3	-	1	2
1	4	1	5	3
14	14	7	20	18

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	1
-	-	-	1	1
-	-	-	-	-
-	-	-	1	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	1	-	-
-	-	1	1	-
-	-	-	-	-
-	-	2	1	-

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

PRINCE EDWARD

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
—	8.9	4.5	—	—
4.5	17.8	4.5	13.3	—
4.5	26.7	8.9	13.3	—
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
347.7	168.7	223.0	110.1	146.9
—	—	—	—	5.3
6.1	—	17.4	—	10.4
—	—	54.1	27.6	—
17.8	—	—	—	—
5.8	5.6	—	5.8	36.5
377.4	174.3	294.6	143.4	199.2
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.4	—	—	8.8	4.3
4.4	—	13.3	—	8.7
—	—	8.8	8.8	4.3
35.6	17.9	17.7	30.7	13.0
8.9	4.5	8.8	8.8	4.3
31.1	22.3	13.3	17.5	8.7
84.4	44.6	61.9	74.6	43.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

—	—	8.8	4.4	4.3
—	8.9	—	4.4	13.0
8.9	13.4	8.8	26.3	17.4
48.9	8.9	8.8	26.3	21.7
—	13.4	—	4.4	8.7
4.4	17.9	4.4	21.9	13.0
62.2	62.5	31.0	87.7	78.3
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	4.3
—	—	—	4.4	4.3
—	—	—	—	—
—	—	—	4.4	8.7
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	4.4	—	—
—	—	4.4	4.4	—
—	—	—	—	—
—	—	8.8	4.4	—
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

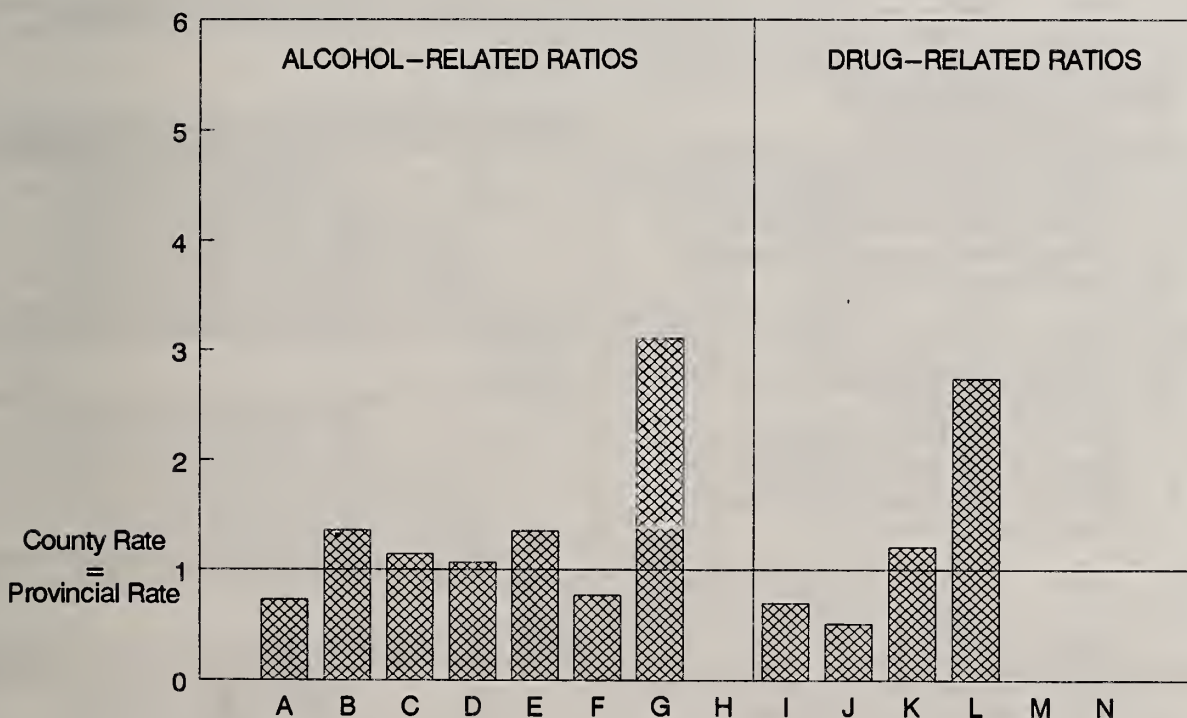
1984	1985	1986	1987	1988
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
4.1	3.4	3.5	3.6	3.6

PRINCE EDWARD

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	2.8	2.8	2.8	2.8	3.3	3.0	3.0
10-14	1.5	1.5	1.4	1.5	1.8	1.6	1.6
15-19	2.1	1.9	1.7	1.6	1.6	1.6	1.6
20-29	3.5	3.5	3.7	3.2	3.1	3.3	3.1
30-39	3.0	3.2	3.2	3.2	3.0	3.0	3.4
40-49	2.4	2.4	2.4	2.5	2.6	2.7	2.6
50-59	2.6	2.6	2.4	2.5	2.3	2.4	2.5
60-64	1.3	1.4	1.4	1.4	1.3	1.3	1.4
65-74	2.1	2.0	2.1	2.1	2.1	2.3	2.2
75+	1.4	1.5	1.5	1.5	1.5	1.6	1.6
Total Population	22.6	22.4	22.5	22.4	22.6	22.8	23.0
Aged 15 and Over	18.3	18.1	18.3	18.1	17.5	18.2	18.4
Aged 20 and Over	16.2	16.2	16.6	16.5	15.9	16.6	16.8

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

RAINY RIVER

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	190.3
	10,448
	2,995
	1,356

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
847	834	696	744	810
n.a.	-	2	-	-
n.a.	1	-	1	3
216	175	164	147	132
12	11	14	9	6
1,075	1,021	876	901	951

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
35	28	35	20	21
38	29	33	22	17
2	1	5	1	2
75	58	73	43	40

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

General Hospitals

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	7	7	7	3
103	132	86	65	48
7	5	12	12	12
9	17	23	10	6
1	6	6	5	1
125	167	134	99	70

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1	4	7	2	4
78	69	70	49	32
4	8	7	8	4
9	19	18	17	17
1	-	-	-	1
93	100	102	76	58

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Mental Hospitals

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	3	-	-	-
20	2	18	12	5
1	-	1	3	8
21	5	19	15	13

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
6	4	-	1	5
-	1	2	3	1
6	5	2	4	6

RAINY RIVER

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				10.6
				58,141
				16,667
				7,546

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
3,635.2	3,610.4	3,039.3	3,248.9	3,521.7
n.a.	-	8.7	-	-
n.a.	4.3	-	4.4	13.0
927.0	757.6	716.2	641.9	573.9
51.5	47.6	61.1	39.3	26.1
4,613.7	4,419.9	3,825.3	3,934.5	4,134.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
150.2	121.2	152.8	87.3	91.3
163.1	125.5	144.1	96.1	73.9
8.6	4.3	21.8	4.4	8.7
321.9	251.1	318.8	187.8	173.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
21.5	30.3	30.6	30.6	13.0
442.1	571.4	375.5	283.8	208.7
30.0	21.6	52.4	52.4	52.2
38.6	73.6	100.4	43.7	26.1
4.3	26.0	26.2	21.8	4.3
536.5	722.9	585.2	432.3	304.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

4.3	17.3	30.6	8.7	17.4
334.8	298.7	305.7	214.0	139.1
17.2	34.6	30.6	34.9	17.4
38.6	82.3	78.6	74.2	73.9
4.3	-	-	-	4.3
399.1	432.9	445.4	331.9	252.2
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	13.0	-	-	-
85.8	8.7	78.6	52.4	21.7
4.3	-	4.4	13.1	34.8
90.1	21.6	83.0	65.5	56.5
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	-	-
25.8	17.3	-	4.4	21.7
-	4.3	8.7	13.1	4.3
25.8	21.6	8.7	17.5	26.1
6.1	6.3	6.1	6.0	5.6

RAINY RIVER

ALCOHOL--RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	1	-	-	-
2	2	1	2	1
2	3	1	2	1

DRUG--RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
45	46	53	56	68
-	-	-	-	-
-	1	-	-	2
7	-	-	6	9
-	2	-	-	-
-	1	4	1	4
52	51	57	64	83

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
3	4	2	2	3
-	1	1	-	3
17	19	20	14	8
3	2	2	-	-
7	4	6	11	5
30	30	31	27	19

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

-	1	-	1	-
7	4	5	1	2
13	6	-	4	6
1	3	1	2	-
1	-	-	1	-
3	1	-	1	1
25	15	6	10	9

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	3	-	-
4	3	-	2	1
-	-	3	-	-
5	3	6	2	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
6	8	8	3	5
-	-	-	-	-
6	8	8	3	5

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	1	-
-	-	1	-	-
-	-	-	-	-
-	-	1	1	-

RAINY RIVER

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
-	-	-	-	-
-	4.3	-	-	-
8.5	8.6	4.3	8.7	4.4
8.5	12.9	4.3	8.7	4.4
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
191.9	200.5	231.1	245.2	293.9
-	-	-	-	-
-	6.1	-	-	10.4
29.8	-	-	27.5	37.1
-	6.8	-	-	-
-	5.5	15.9	5.8	18.3
221.6	218.8	247.1	278.5	359.7
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
12.9	17.3	8.7	8.7	13.0
-	4.3	4.4	-	13.0
73.0	82.3	87.3	61.1	34.8
12.9	8.7	8.7	-	-
30.0	17.3	26.2	48.0	21.7
128.8	129.9	135.4	117.9	82.6
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

-	4.3	-	4.4	-
30.0	17.3	21.8	4.4	8.7
55.8	26.0	-	17.5	26.1
4.3	13.0	4.4	8.7	-
4.3	-	-	4.4	-
12.9	4.3	-	4.4	4.3
107.3	64.9	26.2	43.7	39.1
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.3	-	13.1	-	-
17.2	13.0	-	8.7	4.3
-	-	13.1	-	-
21.5	13.0	26.2	8.7	4.3
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

-	-	-	-	-
25.8	34.6	34.9	13.1	21.7
-	-	-	-	-
25.8	34.6	34.9	13.1	21.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

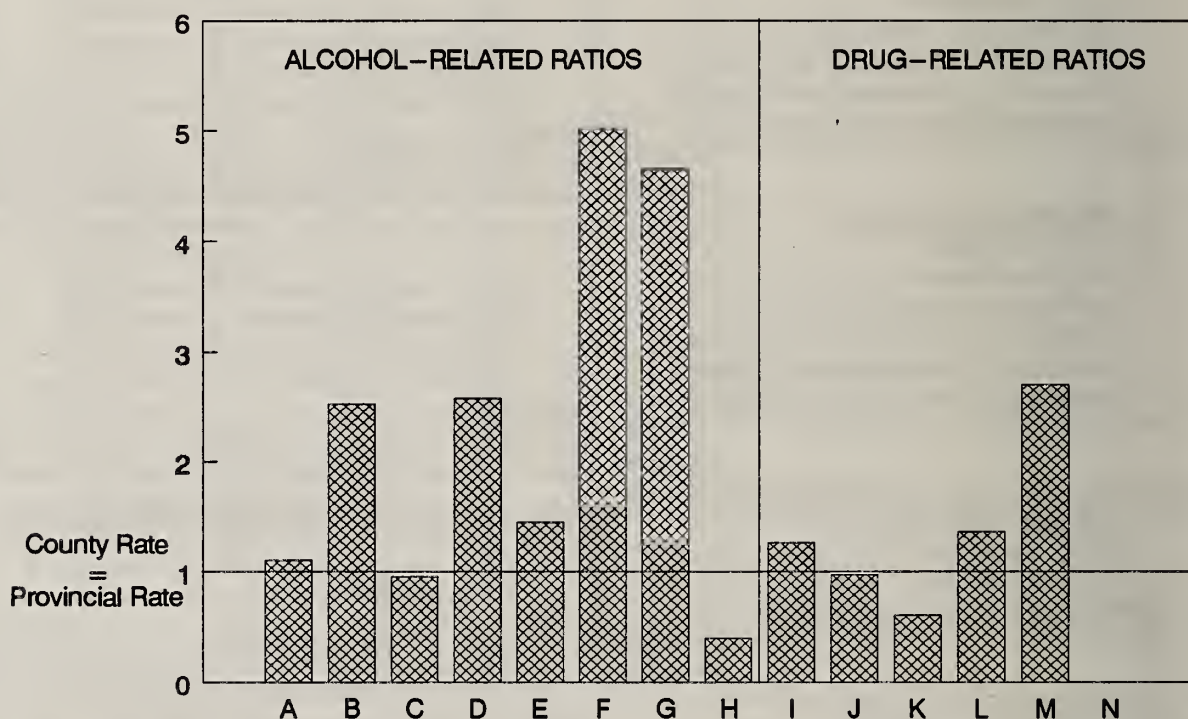
1984	1985	1986	1987	1988
-	-	-	4.4	-
-	-	4.3	-	-
-	-	-	-	-
-	-	4.3	4.4	-
4.1	3.4	3.5	3.6	3.6

RAINY RIVER

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	3.6	3.6	3.6	3.6	3.5	3.5	3.6
10-14	2.0	2.0	1.9	1.9	1.9	1.9	1.9
15-19	2.2	2.1	2.0	1.9	1.9	1.9	1.9
20-29	3.0	4.0	4.2	3.8	3.8	3.6	3.6
30-39	3.0	3.0	3.1	3.3	3.5	3.6	3.4
40-49	2.2	2.2	2.2	2.3	2.3	2.5	2.3
50-59	2.4	2.4	2.3	2.2	2.2	2.0	2.1
60-64	1.1	1.1	1.1	1.1	1.1	1.1	1.1
65-74	1.8	1.8	1.9	1.9	1.9	1.9	1.9
75+	1.0	1.1	1.1	1.2	1.2	1.2	1.2
Total Population	23.2	23.4	23.3	23.1	22.9	22.9	23.0
Aged 15 and Over	17.6	17.8	17.8	17.6	17.5	17.6	17.5
Aged 20 and Over	15.4	15.7	15.8	15.7	15.6	15.7	15.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

RENFWREW

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				778.6
				40,784
				12,329
				5,614

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
925	1,047	1,201	1,122	1,067
n.a.	-	-	-	-
n.a.	5	3	5	3
431	415	355	331	331
14	28	28	45	20
1,370	1,495	1,587	1,503	1,421

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
117	90	89	79	93
135	95	95	66	68
9	7	6	9	7
261	192	190	154	168

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
16	15	10	15	19
99	113	118	90	65
23	27	31	31	24
48	50	35	28	27
1	4	3	2	1
187	209	197	166	136

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

9	6	10	15	15
188	166	156	170	136
23	16	32	25	31
56	59	44	69	60
4	3	1	1	3
280	250	243	280	245

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	3	3	1
1	2	5	5	4
1	-	-	-	-
4	3	8	8	5

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	2	-
4	5	1	-	1
-	-	-	-	-
4	5	1	2	1

RENFREW

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				10.9
				57,193
				17,289
				7,873

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,031.2	1,177.7	1,343.4	1,246.7	1,173.8
n.a.	-	-	-	-
n.a.	5.6	3.4	5.6	3.3
480.5	466.8	397.1	367.8	364.1
15.6	31.5	31.3	50.0	22.0
1,527.3	1,681.7	1,775.2	1,670.0	1,563.3
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
130.4	101.2	99.6	87.8	102.3
150.5	106.9	106.3	73.3	74.8
10.0	7.9	6.7	10.0	7.7
291.0	216.0	212.5	171.1	184.8
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
17.8	16.9	11.2	16.7	20.9
110.4	127.1	132.0	100.0	71.5
25.6	30.4	34.7	34.4	26.4
53.5	56.2	39.1	31.1	29.7
1.1	4.5	3.4	2.2	1.1
208.5	235.1	220.4	184.4	149.6
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

10.0	6.7	11.2	16.7	16.5
209.6	186.7	174.5	188.9	149.6
25.6	18.0	35.8	27.8	34.1
62.4	66.4	49.2	76.7	66.0
4.5	3.4	1.1	1.1	3.3
312.2	281.2	271.8	311.1	269.5
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.2	1.1	3.4	3.3	1.1
1.1	2.2	5.6	5.6	4.4
1.1	-	-	-	-
4.5	3.4	8.9	8.9	5.5
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	2.2	-
4.5	5.6	1.1	-	1.1
-	-	-	-	-
4.5	5.6	1.1	2.2	1.1
6.1	6.3	6.1	6.0	5.6

RENFREW

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
3	1	1	—	3
14	8	7	8	10
17	9	8	8	13

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
99	88	88	168	87
—	1	—	—	—
6	8	10	48	13
21	6	12	3	—
—	—	—	2	—
4	9	—	15	1
130	112	111	236	101

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	5	1	11	1
21	5	9	12	—
6	5	6	7	6
26	20	29	26	40
11	11	8	6	8
29	44	49	31	33
98	90	102	93	88

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

3	6	1	3	2
10	8	11	12	13
11	10	19	13	12
10	16	22	19	28
10	1	4	10	6
12	10	17	9	11
56	51	74	66	72

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1	—	—
2	—	—	1	—
—	—	—	—	1
2	—	1	1	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	1	—	—
1	1	3	1	1
1	—	1	—	1
2	1	5	1	2

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	2	—	2	—
5	—	—	3	—
—	1	—	—	—
7	3	—	5	—

RENFREW

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
3.4	1.1	1.1	—	3.3
15.7	8.9	7.9	8.9	11.1
19.0	10.0	9.0	8.9	14.4
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
110.7	98.7	98.7	187.2	95.6
—	1.4	—	—	—
6.1	9.6	11.7	53.2	14.5
23.2	6.7	13.7	3.5	—
—	—	—	2.3	—
4.3	9.9	—	16.2	1.5
144.4	126.2	124.1	262.3	111.6
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.6	5.6	1.1	12.2	1.1
23.4	5.6	10.1	13.3	—
6.7	5.6	6.7	7.8	6.6
29.0	22.5	32.4	28.9	44.0
12.3	12.4	8.9	6.7	8.8
32.3	49.5	54.8	34.4	36.3
109.3	101.2	114.1	103.3	96.8
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

3.3	6.7	1.1	3.3	2.2
11.1	9.0	12.3	13.3	14.3
12.3	11.2	21.3	14.4	13.2
11.1	18.0	24.6	21.1	30.8
11.1	1.1	4.5	11.1	6.6
13.4	11.2	19.0	10.0	12.1
62.4	57.4	82.8	73.3	79.2
60.7	59.5	64.8	71.0	64.8

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.1	—	—
2.2	—	—	1.1	—
—	—	—	—	1.1
2.2	—	1.1	1.1	1.1
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	1.1	—	—
1.1	1.1	3.4	1.1	1.1
1.1	—	1.1	—	1.1
2.2	1.1	5.6	1.1	2.2
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

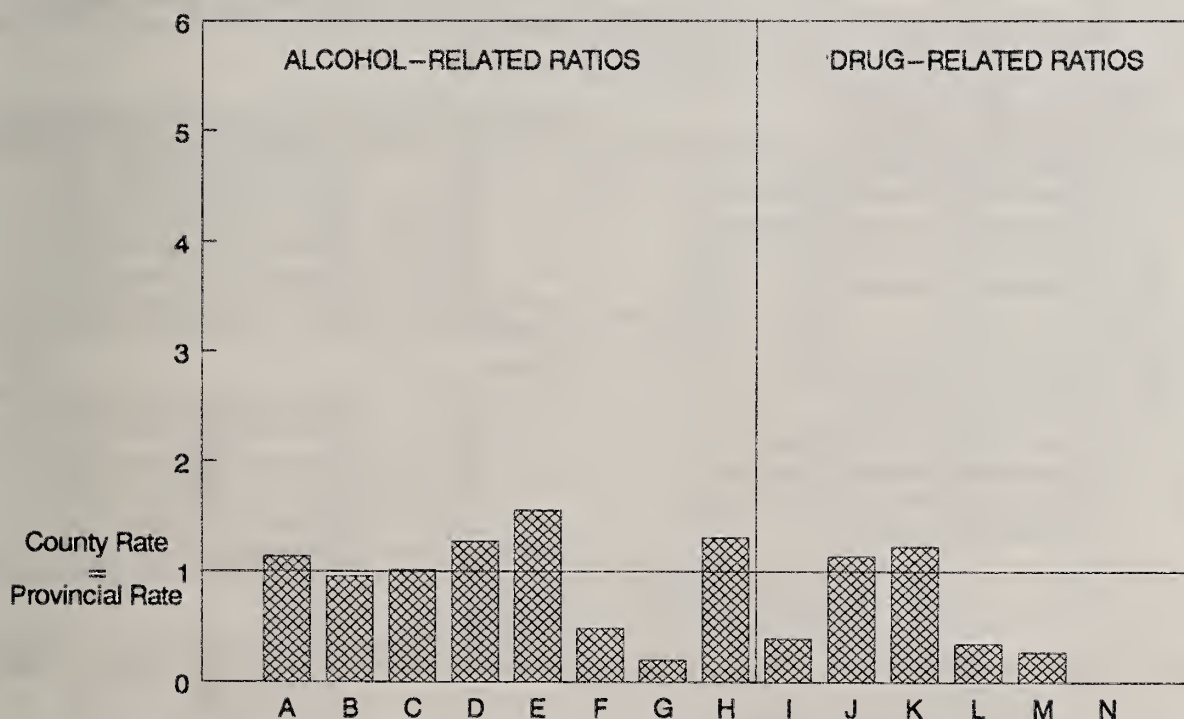
1984	1985	1986	1987	1988
2.2	2.2	—	2.2	—
5.6	—	—	3.4	—
—	1.1	—	—	—
7.8	3.3	—	5.6	—
4.1	3.4	3.5	3.6	3.6

RENFREW

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	12.4	12.7	12.7	12.7	12.6	12.8	12.9
10-14	6.9	6.5	6.5	6.3	6.2	6.1	6.1
15-19	8.1	7.7	7.1	6.8	6.8	6.6	6.3
20-29	16.1	17.1	17.5	15.7	15.8	15.3	14.6
30-39	12.1	12.4	12.7	13.2	13.3	13.6	14.2
40-49	9.2	9.3	9.4	9.5	10.0	10.5	11.2
50-59	9.1	8.9	8.9	9.0	8.9	8.6	8.8
60-64	4.1	4.3	4.4	4.6	4.4	4.4	4.2
65-74	6.4	6.3	6.4	6.8	7.0	7.1	7.5
75+	4.1	4.0	4.2	4.5	4.7	4.9	5.1
Total Population	88.3	89.3	89.7	88.9	89.4	90.0	90.9
Aged 15 and Over	69.0	70.1	70.5	69.9	70.6	71.1	71.9
Aged 20 and Over	60.9	62.4	63.4	63.1	63.8	64.5	65.6

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

SIMCOE

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,460.7
	104,611
	39,630
	18,725

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
5,961	5,400	6,455	6,753	6,559
n.a.	2	1	4	4
n.a.	27	31	20	24
2,123	2,213	2,190	2,330	2,133
90	110	127	174	142
8,174	7,752	8,804	9,281	8,862

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
341	318	290	292	348
367	309	369	283	273
18	13	13	18	17
726	640	672	593	638

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

General Hospitals

1985-86	1986-87	1987-88	1988-89	1989-90
28	35	37	38	47
188	184	145	129	155
26	43	40	31	29
61	75	69	80	82
27	27	31	13	18
330	364	322	291	331

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

26	26	26	25	32
262	219	252	235	288
40	54	57	58	56
120	108	119	110	94
5	3	4	4	10
453	410	458	432	480

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Mental Hospitals

1985-86	1986-87	1987-88	1988-89	1989-90
3	5	9	4	4
171	173	178	162	149
6	4	5	3	1
180	182	192	169	154

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

2	1	1	3	4
23	27	22	21	24
9	10	6	9	6
34	38	29	33	34

SIMCOE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				12.4
				52,866
				20,027
				9,463

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,532.3	2,265.1	2,604.9	2,598.3	2,397.3
n.a.	0.8	0.4	1.5	1.5
n.a.	11.3	12.5	7.7	8.8
901.9	928.3	883.8	896.5	779.6
38.2	46.1	51.3	66.9	51.9
3,472.4	3,251.7	3,552.9	3,571.0	3,239.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
144.9	133.4	117.0	112.4	127.2
155.9	129.6	148.9	108.9	99.8
7.6	5.5	5.2	6.9	6.2
308.4	268.5	271.2	228.2	233.2
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.9	14.7	14.9	14.6	17.2
79.9	77.2	58.5	49.6	56.7
11.0	18.0	16.1	11.9	10.6
25.9	31.5	27.8	30.8	30.0
11.5	11.3	12.5	5.0	6.6
140.2	152.7	129.9	112.0	121.0
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.0	10.9	10.5	9.6	11.7
111.3	91.9	101.7	90.4	105.3
17.0	22.7	23.0	22.3	20.5
51.0	45.3	48.0	42.3	34.4
2.1	1.3	1.6	1.5	3.7
192.4	172.0	184.8	166.2	175.4
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	2.1	3.6	1.5	1.5
72.6	72.6	71.8	62.3	54.5
2.5	1.7	2.0	1.2	0.4
76.5	76.3	77.5	65.0	56.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.8	0.4	0.4	1.2	1.5
9.8	11.3	8.9	8.1	8.8
3.8	4.2	2.4	3.5	2.2
14.4	15.9	11.7	12.7	12.4
6.1	6.3	6.1	6.0	5.6

SIMCOE

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	1	3	—
6	3	5	5	5
24	21	15	19	28
30	25	21	27	33

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
464	427	717	597	735
1	8	—	—	2
19	14	76	61	91
—	65	147	79	427
3	3	2	4	1
17	13	17	25	39
505	530	958	767	1,296

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	3	4	5	5
13	14	33	20	20
11	8	8	15	16
71	63	76	61	79
21	18	12	22	15
104	95	95	62	86
229	201	228	185	221

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
6	2	4	9	4
29	27	31	26	13
39	25	43	60	51
44	42	41	44	42
15	7	13	8	8
50	43	38	41	49
183	146	170	188	167

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	1	—	2	3
19	16	1	5	—
4	5	—	3	2
26	22	1	10	5

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	—	3	1
11	6	7	6	1
6	9	6	10	3
18	15	13	19	5

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
1	—	—	2	5
12	4	6	5	4
1	—	—	—	—
14	4	6	7	9

SIMCOE

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

	1984	1985	1986	1987	1988
Alcohol Psychoses	—	0.4	0.4	1.2	—
Alcohol Dependence Syndrome	2.6	1.3	2.1	2.0	1.9
Chronic Liver Disease and Cirrhosis	10.3	8.9	6.3	7.7	10.8
County	12.9	10.6	8.8	10.9	12.7
Province	11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Marijuana	197.3	178.9	289.4	229.9	268.7
Heroin	0.6	3.5	—	—	0.9
Cocaine	8.2	5.9	30.7	23.6	33.2
Other Drugs	—	27.4	59.3	30.3	156.1
Controlled Drugs	1.1	1.3	0.6	1.6	0.5
Restricted Drugs	7.2	5.3	6.9	9.7	14.3
County	214.3	222.4	386.8	295.0	473.7
Province	219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	3.8	1.3	1.6	1.9	1.8
	5.5	5.9	13.3	7.7	7.3
	4.7	3.4	3.2	5.8	5.8
	30.2	26.4	30.7	23.5	28.9
	8.9	7.6	4.8	8.5	5.5
	44.2	39.8	38.3	23.9	31.4
	97.3	84.3	92.0	71.2	80.8
	73.5	77.7	87.3	86.6	85.1
	Secondary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	2.5	0.8	1.6	3.5	1.5
	12.3	11.3	12.5	10.0	4.8
	16.6	10.5	17.4	23.1	18.6
	18.7	17.6	16.5	16.9	15.4
	6.4	2.9	5.2	3.1	2.9
	21.2	18.0	15.3	15.8	17.9
	77.7	61.2	68.6	72.3	61.0
	60.7	59.5	64.8	71.0	64.8

Mental Hospitals	Primary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	1.3	0.4	—	0.8	1.1
	8.1	6.7	0.4	1.9	—
	1.7	2.1	—	1.2	0.7
	11.0	9.2	0.4	3.8	1.8
	4.0	3.6	3.1	3.5	3.2
	Secondary Diagnoses				
	1985-86	1986-87	1987-88	1988-89	1989-90
	0.4	—	—	1.2	0.4
	4.7	2.5	2.8	2.3	0.4
	2.5	3.8	2.4	3.8	1.1
	7.6	6.3	5.2	7.3	1.8
	6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

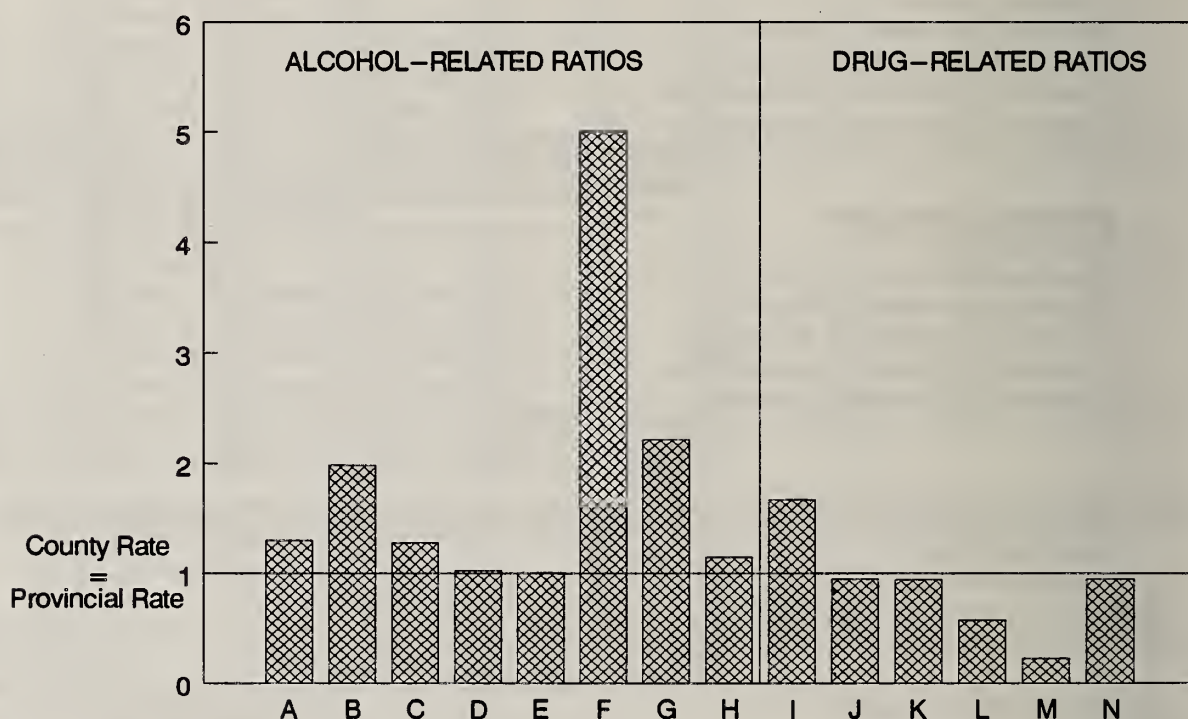
	1984	1985	1986	1987	1988
Accidental Poisoning	0.4	—	—	0.8	1.9
Suicide	5.2	1.7	2.5	2.0	1.5
Undetermined	0.4	—	—	—	—
County	6.0	1.7	2.5	2.8	3.5
Province	4.1	3.4	3.5	3.6	3.6

SIMCOE

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	33.5	33.4	33.4	34.0	35.2	38.2	39.6
10-14	18.4	18.4	18.1	18.0	17.8	18.2	20.3
15-19	20.1	19.2	18.8	18.3	18.6	18.4	20.3
20-29	35.8	35.9	36.0	38.0	38.3	38.2	42.4
30-39	35.0	36.7	37.5	38.3	40.5	43.5	44.2
40-49	24.8	25.8	26.8	27.5	29.9	32.5	32.6
50-59	21.9	21.8	21.9	21.9	22.2	22.7	24.6
60-64	11.2	11.6	11.5	11.8	12.4	13.1	13.3
65-74	18.2	19.0	19.7	19.4	20.9	22.7	22.8
75+	10.3	10.9	11.5	11.4	11.8	12.5	13.5
Total Population	230.3	232.6	235.4	238.4	247.8	259.9	273.6
Aged 15 and Over	178.4	180.8	183.9	186.4	194.8	203.5	213.7
Aged 20 and Over	158.3	161.6	165.1	168.1	176.2	185.1	193.4

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

SUDBURY DISTRICT

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	241.3
	10,225
	3,873
	1,830

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
582	606	681	634	633
n.a.	1	-	2	-
n.a.	2	1	-	2
237	222	249	179	209
-	11	12	15	13
819	842	943	830	857

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
25	19	21	24	23
35	26	30	27	24
2	2	2	2	1
62	48	52	53	49

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
3	4	2	10	4
44	66	43	55	37
2	5	2	6	7
13	11	22	17	12
-	2	-	2	-
62	88	69	90	60

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol
Total

1	2	2	4	1
17	23	25	31	29
3	2	2	5	4
10	12	21	22	13
1	-	-	-	-
32	39	50	62	47

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	1	-
1	2	5	4	-
-	-	1	-	1
1	2	6	5	1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Total

-	-	-	-	-
-	-	1	1	-
-	2	-	-	-
-	2	1	1	-

SUDBURY DISTRICT

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				12.5
				52,870
				20,026
				9,462

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,221.4	2,348.8	2,660.2	2,476.6	2,492.1
n.a.	3.9	-	7.8	-
n.a.	7.8	3.9	-	7.9
904.6	860.5	972.7	699.2	822.8
-	42.6	46.9	58.6	51.2
3,126.0	3,263.6	3,683.6	3,242.2	3,374.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
94.7	75.2	80.3	95.1	92.2
133.0	101.5	115.7	105.2	96.0
8.3	7.9	7.9	8.4	3.3
236.0	184.5	203.8	208.7	191.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
11.5	15.5	7.8	39.1	15.7
167.9	255.8	168.0	214.8	145.7
7.6	19.4	7.8	23.4	27.6
49.6	42.6	85.9	66.4	47.2
-	7.8	-	7.8	-
236.6	341.1	269.5	351.6	236.2
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.8	7.8	7.8	15.6	3.9
64.9	89.1	97.7	121.1	114.2
11.5	7.8	7.8	19.5	15.7
38.2	46.5	82.0	85.9	51.2
3.8	-	-	-	-
122.1	151.2	195.3	242.2	185.0
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	3.9	-
3.8	7.8	19.5	15.6	-
-	-	3.9	-	3.9
3.8	7.8	23.4	19.5	3.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	3.9	3.9	-
-	7.8	-	-	-
-	7.8	3.9	3.9	-
6.1	6.3	6.1	6.0	5.6

General Hospitals

Mental Hospitals

SUDBURY DISTRICT

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	1	-
-	-	-	-	1
5	-	1	4	1
5	-	1	5	2

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
77	65	55	35	69
-	-	-	1	-
-	-	-	4	4
21	-	-	9	4
-	2	2	-	1
-	5	7	-	4
98	71	64	49	82

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	-	1	-	3
2	-	5	5	4
3	1	1	2	-
8	12	6	4	6
1	5	4	-	1
4	5	8	6	7
20	23	25	17	21

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

-	-	1	1	1
-	-	1	7	2
3	1	2	6	5
-	2	3	-	-
-	-	2	2	-
1	2	-	-	1
4	5	9	16	9

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	2	-	-
-	-	1	-	-
-	-	3	-	-
1	-	6	-	-

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
-	-	1	-	-
-	1	-	-	1
-	1	1	-	1

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	1	-	1	-
1	-	1	2	-
-	-	-	-	1
1	1	1	3	1

SUDBURY DISTRICT

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	3.9	—
—	—	—	—	3.9
18.9	—	3.9	15.6	3.9
18.9	—	3.9	19.5	7.8
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
293.9	250.4	216.6	135.4	270.9
—	—	—	5.2	—
—	—	—	14.4	14.1
79.4	—	—	36.9	16.8
—	6.0	6.0	—	5.6
—	19.6	28.5	—	16.5
373.3	276.0	251.1	191.8	323.9
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985–86	1986–87	1987–88	1988–89	1989–90
7.6	—	3.9	—	11.8
7.6	—	19.5	19.5	15.7
11.5	3.9	3.9	7.8	—
30.5	46.5	23.4	15.6	23.6
3.8	19.4	15.6	—	3.9
15.3	19.4	31.3	23.4	27.6
76.3	89.1	97.7	66.4	82.7
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

—	—	3.9	3.9	3.9
—	—	3.9	27.3	7.9
11.5	3.9	7.8	23.4	19.7
—	7.8	11.7	—	—
—	—	7.8	7.8	—
3.8	7.8	—	—	3.9
15.3	19.4	35.2	62.5	35.4
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985–86	1986–87	1987–88	1988–89	1989–90
3.8	—	7.8	—	—
—	—	3.9	—	—
—	—	11.7	—	—
3.8	—	23.4	—	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	—
—	—	3.9	—	—
—	3.9	—	—	3.9
—	3.9	3.9	—	3.9
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

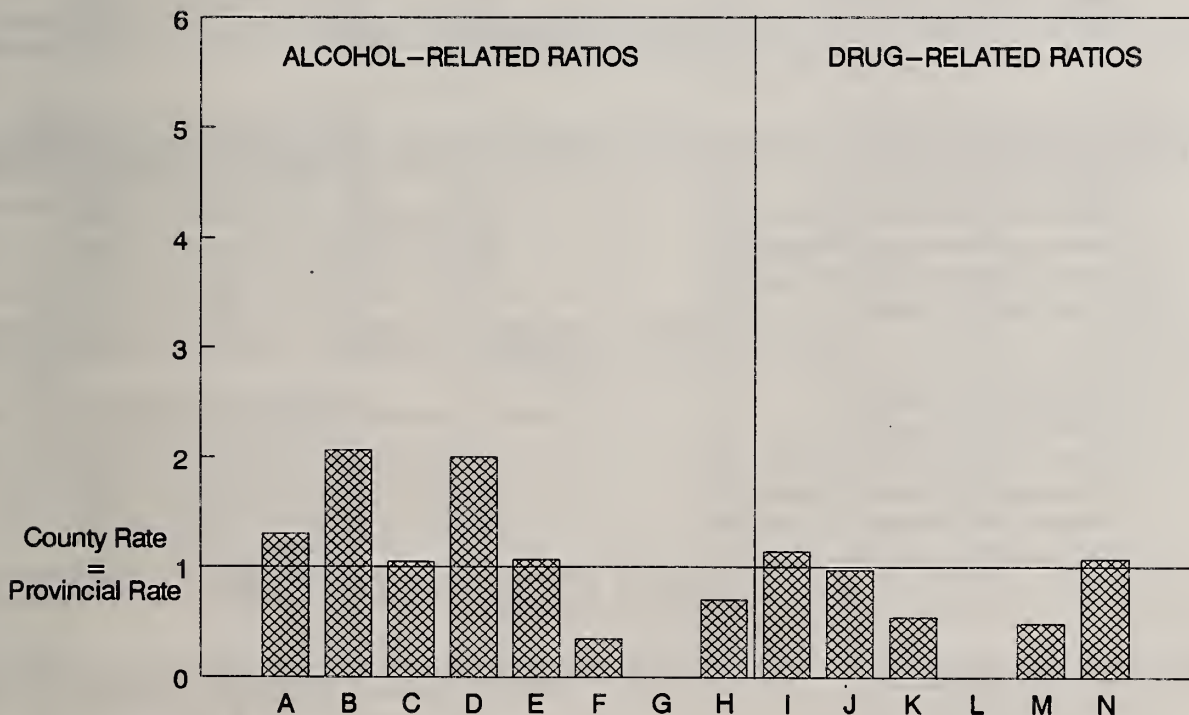
1984	1985	1986	1987	1988
—	3.8	—	3.9	—
3.8	—	3.9	7.8	—
—	—	—	—	3.9
3.8	3.8	3.9	11.7	3.9
4.1	3.4	3.5	3.6	3.6

SUDBURY DISTRICT

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	4.6	4.6	4.6	3.9	3.7	3.7	3.5
10-14	2.6	2.6	2.6	2.4	2.1	2.1	1.9
15-19	2.9	2.9	2.8	2.3	2.4	2.3	2.3
20-29	4.2	4.2	4.2	4.2	4.0	3.9	3.7
30-39	3.8	3.7	3.6	3.9	4.0	4.0	4.0
40-49	2.8	2.8	2.7	3.0	3.1	3.5	3.5
50-59	2.5	2.5	2.5	2.8	2.7	2.6	2.7
60-64	1.1	1.1	1.1	1.1	1.2	1.2	1.2
65-74	1.5	1.5	1.5	1.5	1.7	1.7	1.7
75+	0.6	0.6	0.6	0.7	0.7	0.7	0.9
Total Population	26.6	26.4	26.2	25.8	25.6	25.6	25.4
Aged 15 and Over	19.4	19.2	19.0	19.5	19.8	19.8	20.0
Aged 20 and Over	16.5	16.3	16.2	17.2	17.4	17.5	17.7

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				1,381.3
				66,553
				22,019
				10,165

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
843	792	964	1,066	838
n.a.	-	1	1	2
n.a.	12	14	5	2
584	398	409	529	503
29	17	15	35	9
1,456	1,219	1,403	1,636	1,354

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
146	115	122	146	144
205	155	176	161	150
13	12	12	13	5
364	281	311	320	298

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
19	19	30	30	23
63	84	95	177	111
20	25	21	15	7
68	71	60	65	86
4	2	1	-	-
174	201	207	287	227

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

7	9	8	11	16
92	140	119	154	185
22	17	33	21	17
95	87	94	87	88
3	-	1	-	2
219	253	255	273	308

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	1	-	1	-
2	4	1	1	1
1	-	-	1	2
3	5	1	3	3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	-	-
1	3	1	1	-
3	-	-	2	2
4	3	1	3	2

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.5
				55,512
				18,366
				8,479

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
546.3	519.3	632.1	696.3	537.9
n.a.	-	0.7	0.7	1.3
n.a.	7.9	9.2	3.3	1.3
378.5	261.0	268.2	345.5	322.8
18.8	11.1	9.8	22.9	5.8
943.6	799.3	920.0	1,068.6	869.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
94.7	75.2	80.3	95.1	92.2
133.0	101.5	115.7	105.2	96.0
8.3	7.9	7.9	8.4	3.3
236.0	184.5	203.8	208.7	191.5
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
12.3	12.5	19.7	19.6	14.8
40.8	55.1	62.3	115.6	71.2
13.0	16.4	13.8	9.8	4.5
44.1	46.6	39.3	42.5	55.2
2.6	1.3	0.7	-	-
112.8	131.8	135.7	187.5	145.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
4.5	5.9	5.2	7.2	10.3
59.6	91.8	78.0	100.6	118.7
14.3	11.1	21.6	13.7	10.9
61.6	57.0	61.6	56.8	56.5
1.9	-	0.7	-	1.3
141.9	165.9	167.2	178.3	197.7
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.7	-	0.7	-
1.3	2.6	0.7	0.7	0.6
0.6	-	-	0.7	1.3
1.9	3.3	0.7	2.0	1.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
0.6	2.0	0.7	0.7	-
1.9	-	-	1.3	1.3
2.6	2.0	0.7	2.0	1.3
6.1	6.3	6.1	6.0	5.6

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	1	1	1
3	1	1	1	1
10	16	23	22	16
13	18	25	24	18

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
77	157	166	146	155
—	1	—	—	1
3	13	37	22	62
298	231	330	3	60
—	3	—	8	—
4	15	26	16	13
382	421	559	195	290

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
4	9	7	11	6
7	4	13	36	12
7	4	6	5	6
62	71	71	62	57
43	54	36	27	17
68	74	71	84	63
191	216	204	225	161

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	2	1	2	5
7	4	8	18	10
15	14	21	34	64
7	9	21	7	9
4	7	6	8	4
8	12	12	13	10
43	48	69	82	102

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	1	—	2	—
—	2	1	1	—
1	—	—	2	—
1	3	1	5	—

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	—
1	2	—	1	—
3	2	2	3	3
4	4	2	4	3

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	1	5	3	3
1	3	8	8	6
—	—	1	—	—
5	4	14	11	9

SUDBURY REGIONAL MUNICIPALITY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	0.6	0.7	0.7	0.7
1.9	0.6	0.7	0.7	0.7
6.4	10.4	15.1	14.4	10.5
8.3	11.7	16.4	15.7	11.8
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
49.9	103.1	109.1	95.2	99.2
—	0.8	—	—	0.8
1.8	8.4	24.1	14.4	39.9
193.3	151.8	216.7	2.1	38.4
—	2.0	—	5.3	—
2.5	9.9	16.7	10.4	8.1
247.5	276.0	366.5	127.4	186.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.6	5.9	4.6	7.2	3.9
4.5	2.6	8.5	23.5	7.7
4.5	2.6	3.9	3.3	3.9
40.2	46.6	46.6	40.5	36.6
27.9	35.4	23.6	17.6	10.9
44.1	48.5	46.6	54.9	40.4
123.8	141.6	133.8	147.0	103.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.3	1.3	0.7	1.3	3.2
4.5	2.6	5.2	11.8	6.4
9.7	9.2	13.8	22.2	41.1
4.5	5.9	13.8	4.6	5.8
2.6	4.6	3.9	5.2	2.6
5.2	7.9	7.9	8.5	6.4
27.9	31.5	45.2	53.6	65.5
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	0.7	—	1.3	—
—	1.3	0.7	0.7	—
0.6	—	—	1.3	—
0.6	2.0	0.7	3.3	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
0.6	1.3	—	0.7	—
1.9	1.3	1.3	2.0	1.9
2.6	2.6	1.3	2.6	1.9
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

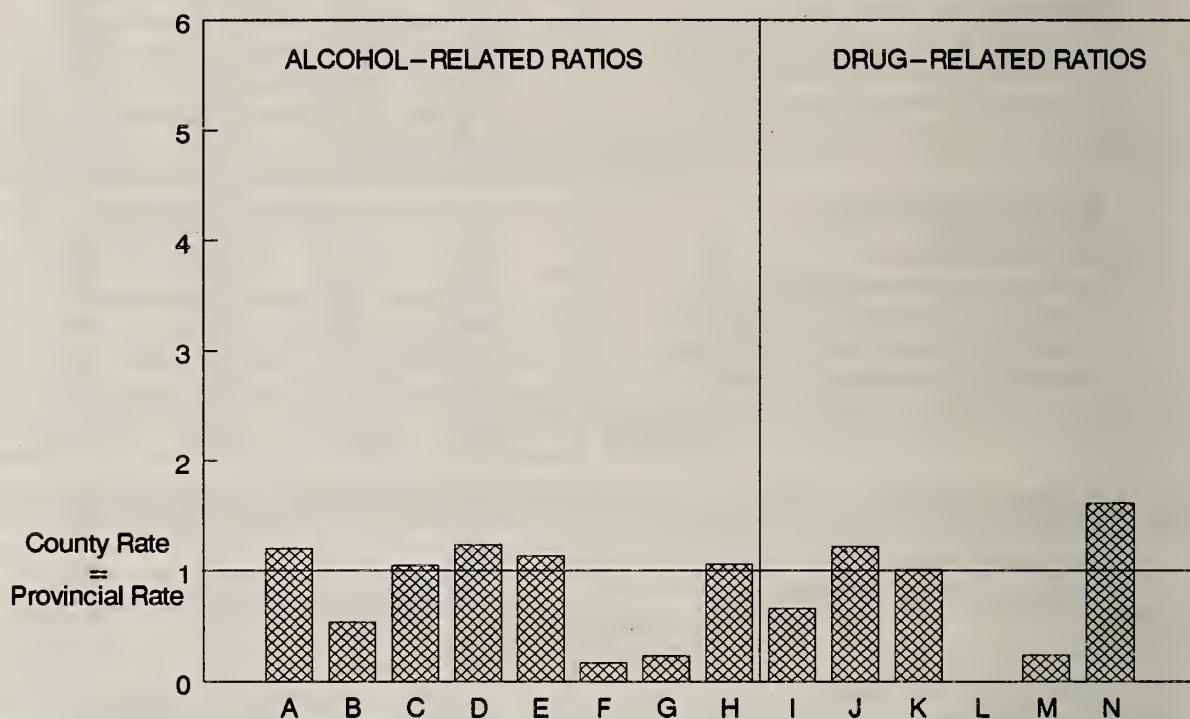
1984	1985	1986	1987	1988
2.6	0.6	3.3	2.0	2.0
0.6	1.9	5.2	5.2	3.9
—	—	0.7	—	—
3.2	2.6	9.2	7.2	5.9
4.1	3.4	3.5	3.6	3.6

SUDBURY REGIONAL MUNICIPALITY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	23.5	22.8	21.9	21.0	20.9	21.1	20.7
10-14	14.2	14.0	13.7	13.0	12.9	12.5	12.0
15-19	15.7	14.5	13.8	13.6	13.7	13.5	13.4
20-29	27.2	27.8	28.2	24.9	24.6	24.6	25.3
30-39	23.1	23.0	23.0	23.9	23.1	23.1	23.8
40-49	17.9	18.1	18.0	18.8	19.6	20.6	22.0
50-59	16.7	16.5	16.4	16.3	16.1	15.9	15.7
60-64	6.4	6.8	6.9	7.2	7.3	7.3	7.2
65-74	7.9	8.2	8.4	9.0	9.5	10.0	10.4
75+	3.7	3.9	4.0	4.3	4.6	4.8	5.3
Total Population	156.9	155.7	154.3	152.5	152.5	153.1	155.8
Aged 15 and Over	119.2	118.9	118.7	118.5	118.7	119.5	123.1
Aged 20 and Over	103.5	104.4	104.9	104.9	105.0	106.0	109.7

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

THUNDER BAY

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	1,450.6
	69,068
	23,141
	10,703

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
3,615	4,105	4,043	4,181	3,718
n.a.	2	2	2	-
n.a.	5	8	3	2
1,123	1,075	1,117	1,073	1,032
22	28	32	38	52
4,760	5,215	5,202	5,297	4,804

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
306	206	217	206	208
235	206	226	140	152
11	12	5	10	5
552	424	448	356	365

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
21	35	44	44	45
156	322	238	199	174
22	43	33	28	44
45	76	59	79	72
10	8	7	10	12
254	484	381	360	347

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

16	15	21	22	27
191	349	345	350	283
27	26	29	52	54
63	73	90	98	78
1	2	3	5	2
298	465	488	527	444

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
9	5	3	1	3
199	175	223	145	72
7	16	6	60	115
215	196	232	206	190

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	1	-	-	1
26	35	19	32	16
7	23	15	11	18
33	59	34	43	35

THUNDER BAY

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.6
				55,272
				18,519
				8,565

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,326.3	2,636.5	2,591.7	2,663.1	2,362.1
n.a.	1.3	1.3	1.3	-
n.a.	3.2	5.1	1.9	1.3
722.7	690.4	716.0	683.4	655.7
14.2	18.0	20.5	24.2	33.0
3,063.1	3,349.4	3,334.6	3,373.9	3,052.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
196.9	132.3	139.1	131.2	132.1
151.2	132.3	144.9	89.2	96.6
7.1	7.7	3.2	6.4	3.2
355.2	272.3	287.2	226.8	231.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
13.5	22.5	28.2	28.0	28.6
100.4	206.8	152.6	126.8	110.5
14.2	27.6	21.2	17.8	28.0
29.0	48.8	37.8	50.3	45.7
6.4	5.1	4.5	6.4	7.6
163.4	310.9	244.2	229.3	220.5
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
10.3	9.6	13.5	14.0	17.2
122.9	224.1	221.2	222.9	179.8
17.4	16.7	18.6	33.1	34.3
40.5	46.9	57.7	62.4	49.6
0.6	1.3	1.9	3.2	1.3
191.8	298.7	312.8	335.7	282.1
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.8	3.2	1.9	0.6	1.9
128.1	112.4	142.9	92.4	45.7
4.5	10.3	3.8	38.2	73.1
138.4	125.9	148.7	131.2	120.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.6	-	-	0.6
16.7	22.5	12.2	20.4	10.2
4.5	14.8	9.6	7.0	11.4
21.2	37.9	21.8	27.4	22.2
6.1	6.3	6.1	6.0	5.6

THUNDER BAY

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	1	—	—	—
—	4	5	9	8
19	11	13	13	23
19	16	18	22	31

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
317	405	394	290	368
—	—	1	1	—
12	34	22	32	144
97	24	61	38	282
3	5	—	6	4
13	11	33	8	31
442	478	512	375	829

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	3	4	6	2
9	17	17	16	12
13	10	10	10	13
29	63	64	63	58
8	32	21	23	14
33	50	65	77	73
97	175	181	195	172

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	2	2	6	1
13	16	15	21	13
112	42	69	74	30
17	11	31	35	13
3	12	4	19	3
11	15	22	25	10
159	98	143	180	70

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	4	—	3	3
20	19	—	19	24
2	—	—	—	2
27	23	—	22	29

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	—	1	—
63	56	91	103	101
—	—	3	1	—
64	56	94	105	101

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
4	5	1	1	1
5	—	2	2	1
2	2	4	3	2
11	7	7	6	4

THUNDER BAY

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	0.6	—	—	—
—	2.6	3.2	5.8	5.1
12.3	7.1	8.3	8.3	14.6
12.3	10.3	11.6	14.1	19.7
11.4	11.3	11.6	11.2	11.1

DRUG—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
203.8	259.9	252.8	184.9	233.9
—	—	0.9	0.8	—
8.0	21.8	14.3	20.3	91.2
62.5	15.2	39.2	24.0	179.0
1.7	3.0	—	3.9	2.7
8.3	7.3	21.0	5.1	19.6
284.3	307.3	328.3	239.1	526.4
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.2	1.9	2.6	3.8	1.3
5.8	10.9	10.9	10.2	7.6
8.4	6.4	6.4	6.4	8.3
18.7	40.5	41.0	40.1	36.8
5.1	20.6	13.5	14.6	8.9
21.2	32.1	41.7	49.0	46.4
62.4	112.4	116.0	124.2	109.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	1.3	1.3	3.8	0.6
8.4	10.3	9.6	13.4	8.3
72.1	27.0	44.2	47.1	19.1
10.9	7.1	19.9	22.3	8.3
1.9	7.7	2.6	12.1	1.9
7.1	9.6	14.1	15.9	6.4
102.3	62.9	91.7	114.6	44.5
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.2	2.6	—	1.9	1.9
12.9	12.2	—	12.1	15.2
1.3	—	—	—	1.3
17.4	14.8	—	14.0	18.4
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.6	—	—	0.6	—
40.5	36.0	58.3	65.6	64.2
—	—	1.9	0.6	—
41.2	36.0	60.3	66.9	64.2
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

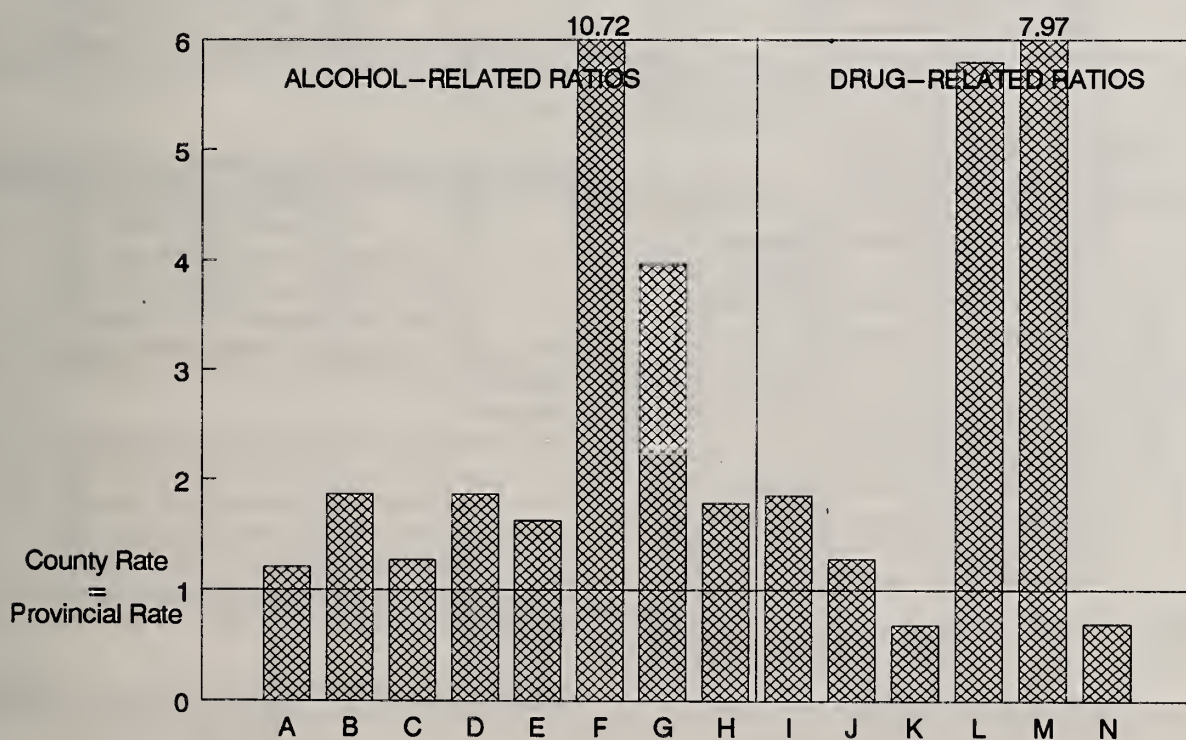
1984	1985	1986	1987	1988
2.6	3.2	0.6	0.6	0.6
3.2	—	1.3	1.3	0.6
1.3	1.3	2.6	1.9	1.3
7.1	4.5	4.5	3.8	2.5
4.1	3.4	3.5	3.6	3.6

THUNDER BAY

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	22.5	22.6	22.7	22.5	21.9	22.8	22.7
10-14	12.3	12.0	11.8	11.5	10.8	11.1	10.9
15-19	13.0	12.5	12.1	12.3	12.3	11.9	11.5
20-29	29.5	29.5	29.6	28.4	28.1	27.0	26.0
30-39	22.6	23.6	24.5	25.4	26.0	26.3	27.3
40-49	15.6	15.8	16.0	16.5	17.7	18.6	19.3
50-59	15.7	15.6	15.3	15.1	14.9	14.4	14.2
60-64	6.9	7.2	7.4	7.5	7.4	7.4	7.3
65-74	9.5	9.6	9.7	10.3	10.8	11.2	11.5
75+	5.9	6.1	6.1	5.9	6.1	6.3	6.7
Total Population	153.6	154.3	155.4	155.7	156.0	157.0	157.4
Aged 15 and Over	118.8	119.7	120.9	121.7	123.3	123.1	123.8
Aged 20 and Over	105.8	107.2	108.8	109.4	111.0	111.2	112.3

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

TIMISKAMING

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	317.4
	18,630
	4,919
	2,204

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
460	485	771	1,016	965
n.a.	-	-	1	-
n.a.	4	3	1	1
223	184	198	231	177
4	9	2	14	12
687	682	974	1,263	1,155

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
60	39	36	43	31
67	42	47	38	24
1	5	2	1	2
128	86	85	82	57

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
13	13	8	7	8
77	77	60	34	55
12	14	19	15	11
16	26	27	25	15
3	2	2	1	1
121	132	116	82	90

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

7	5	3	4	6
96	105	78	83	77
6	5	6	6	6
29	22	43	29	27
1	2	-	-	1
139	139	130	122	117

Total

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Total

TIMISKAMING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				10.1
				59,578
				15,731
				7,048

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,122.0	1,203.5	1,922.7	2,514.9	2,394.5
n.a.	-	-	2.5	-
n.a.	9.9	7.5	2.5	2.5
543.9	456.6	493.8	571.8	439.2
9.8	22.3	5.0	34.7	29.8
1,675.6	1,692.3	2,428.9	3,126.2	2,866.0
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
146.3	96.8	89.8	106.4	76.9
163.4	104.2	117.2	94.1	59.6
2.4	12.4	5.0	2.5	5.0
312.2	213.4	212.0	203.0	141.4
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
31.7	32.3	20.0	17.3	19.9
187.8	191.1	149.6	84.2	136.5
29.3	34.7	47.4	37.1	27.3
39.0	64.5	67.3	61.9	37.2
7.3	5.0	5.0	2.5	2.5
295.1	327.5	289.3	203.0	223.3
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

17.1	12.4	7.5	9.9	14.9
234.1	260.5	194.5	205.4	191.1
14.6	12.4	15.0	14.9	14.9
70.7	54.6	107.2	71.8	67.0
2.4	5.0	-	-	2.5
339.0	344.9	324.2	302.0	290.3
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
6.1	6.3	6.1	6.0	5.6

TIMISKAMING

ALCOHOL—RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	1	—
2	1	2	3	1
6	9	8	9	5
8	10	10	13	6

DRUG—RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
25	30	45	63	51
1	—	—	—	—
7	4	13	10	2
35	—	—	6	4
1	—	—	—	—
1	—	1	4	—
70	35	60	83	57

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985—86	1986—87	1987—88	1988—89	1989—90
1	1	3	1	4
—	1	5	9	11
1	7	4	6	3
11	8	13	19	23
2	6	5	4	11
12	13	16	19	11
27	36	46	58	63

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

2	1	3	—	2
4	10	10	9	3
11	4	11	22	10
6	3	6	6	5
1	—	1	5	4
5	5	6	4	3
29	23	37	46	27

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985—86	1986—87	1987—88	1988—89	1989—90
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	—	—	1	1
—	1	—	1	—
—	—	—	—	—
—	1	—	2	1

TIMISKAMING

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	2.5	—
4.9	2.4	5.0	7.5	2.5
14.6	22.0	19.9	22.4	12.4
19.5	24.4	24.8	32.4	14.9
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
60.6	75.6	113.1	156.8	125.8
3.2	—	—	—	—
16.8	10.5	32.7	24.3	5.9
84.6	—	—	15.6	10.6
3.3	—	—	—	—
3.2	—	3.0	9.8	—
171.5	86.2	148.8	206.5	142.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.4	2.5	7.5	2.5	9.9
—	2.5	12.5	22.3	27.3
2.4	17.4	10.0	14.9	7.4
26.8	19.9	32.4	47.0	57.1
4.9	14.9	12.5	9.9	27.3
29.3	32.3	39.9	47.0	27.3
65.9	89.3	114.7	143.6	156.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

4.9	2.5	7.5	—	5.0
9.8	24.8	24.9	22.3	7.4
26.8	9.9	27.4	54.5	24.8
14.6	7.4	15.0	14.9	12.4
2.4	—	2.5	12.4	9.9
12.2	12.4	15.0	9.9	7.4
70.7	57.1	92.3	113.9	67.0
60.7	59.5	64.8	71.0	64.8

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

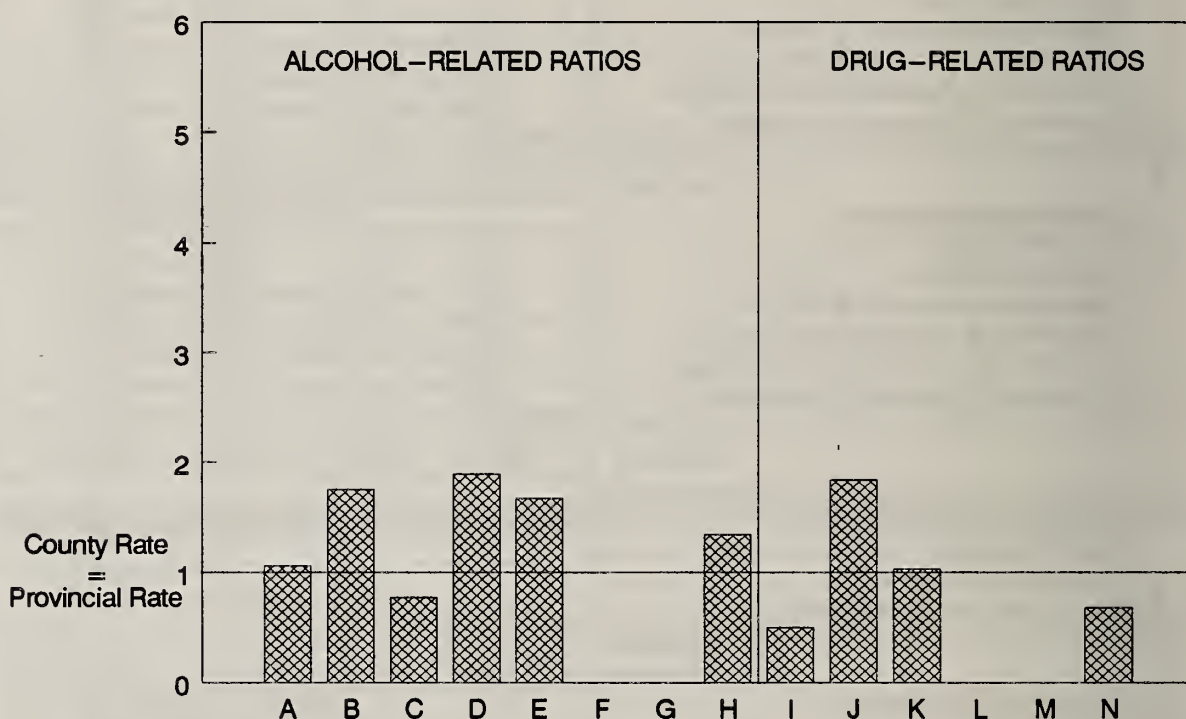
1984	1985	1986	1987	1988
—	—	—	2.5	2.5
—	2.4	—	2.5	—
—	—	—	—	—
—	2.4	—	5.0	2.5
4.1	3.4	3.5	3.6	3.6

TIMISKAMING

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	6.2	6.2	6.0	5.9	6.0	6.0	5.9
10-14	3.5	3.3	3.3	3.2	3.1	3.1	3.0
15-19	4.0	3.7	3.6	3.4	3.3	3.3	3.1
20-29	6.7	7.0	7.3	6.3	6.0	6.1	6.0
30-39	5.3	5.4	5.5	5.8	5.7	5.8	6.1
40-49	4.2	4.2	4.1	4.4	4.5	4.7	4.9
50-59	4.1	4.0	4.0	4.1	4.1	4.0	4.0
60-64	1.9	2.0	2.0	2.0	1.9	1.9	1.9
65-74	3.4	3.2	3.2	3.2	3.2	3.2	3.2
75+	1.9	2.0	2.0	2.1	2.1	2.3	2.2
Total Population	41.3	41.1	41.0	40.3	40.1	40.4	40.3
Aged 15 and Over	31.6	31.6	31.7	31.2	31.0	31.3	31.4
Aged 20 and Over	27.6	27.9	28.1	27.8	27.7	28.0	28.3

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

METROPOLITAN TORONTO

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

	1988-89
Litres (thousands)	17,297.3
Estimated Low Risk Consumers	1,168,360
Estimated Moderate Risk Consumers	263,525
Estimated High Risk Consumers	116,350

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Liquor Act	22,066	34,938	24,262	17,611	14,771
Impaired Operation Causing Death	n.a.	3	9	13	7
Impaired Operation Causing Bodily Harm	n.a.	174	149	116	140
Impaired Operation Over 80 mg%	4,418	5,391	4,665	4,212	4,414
Fail/Refuse to Provide Breath/Blood Sample	950	730	660	552	595
Total	27,434	41,236	29,745	22,504	19,927

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

	1985	1986	1987	1988	1989
Resulting in Property Damage	1,608	1,388	1,466	1,684	1,841
Resulting in Personal Injury	1,970	1,641	1,889	1,636	1,561
Resulting in Fatalities	44	36	34	49	36
Total	3,622	3,065	3,389	3,369	3,438

HOSPITAL SEPARATIONS

	1985-86	1986-87	1987-88	1988-89	1989-90
Primary Diagnoses					
Alcoholic Psychoses	308	370	397	338	351
Alcohol Dependence Syndrome	924	940	1,097	987	863
Nondependent Abuse of Alcohol	188	161	137	139	153
Chronic Liver Disease and Cirrhosis	887	894	934	835	932
Toxic Effects of Alcohol	53	40	46	50	51
Total	2,360	2,405	2,611	2,349	2,350

	1985-86	1986-87	1987-88	1988-89	1989-90
Secondary Diagnoses					
Alcoholic Psychoses	202	213	196	207	194
Alcohol Dependence Syndrome	2,240	2,166	2,014	1,853	1,716
Nondependent Abuse of Alcohol	224	262	242	235	267
Chronic Liver Disease and Cirrhosis	1,272	1,224	1,207	1,184	1,132
Toxic Effects of Alcohol	23	24	16	19	19
Total	3,961	3,889	3,675	3,498	3,328

	1985-86	1986-87	1987-88	1988-89	1989-90
Primary Diagnoses					
Alcoholic Psychoses	23	15	15	18	10
Alcohol Dependence Syndrome	59	71	49	34	46
Nondependent Abuse of Alcohol	14	5	7	7	5
Total	96	91	71	59	61

	1985-86	1986-87	1987-88	1988-89	1989-90
Secondary Diagnoses					
Alcoholic Psychoses	13	16	8	2	2
Alcohol Dependence Syndrome	72	77	85	76	61
Nondependent Abuse of Alcohol	19	4	15	7	13
Total	104	97	108	85	76

METROPOLITAN TORONTO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.2
				62,149
				14,018
				6,189

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,012.3	1,593.4	1,106.8	812.2	692.9
n.a.	0.1	0.4	0.6	0.3
n.a.	7.9	6.8	5.3	6.6
202.7	245.9	212.8	194.2	207.1
43.6	33.3	30.1	25.5	27.9
1,258.6	1,880.6	1,357.0	1,037.8	934.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
73.8	63.3	66.9	77.7	86.4
90.4	74.8	86.2	75.5	73.2
2.0	1.7	1.6	2.2	1.7
166.2	139.8	154.6	155.4	161.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.1	16.9	18.1	15.6	16.5
42.4	42.9	50.0	45.5	40.5
8.6	7.3	6.3	6.4	7.2
40.7	40.8	42.6	38.5	43.7
2.4	1.8	2.1	2.3	2.4
108.3	109.7	119.1	108.3	110.2
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

9.3	9.7	8.9	9.5	9.1
102.8	98.8	91.9	85.5	80.5
10.3	11.9	11.0	10.8	12.5
58.4	55.8	55.1	54.6	53.1
1.1	1.1	0.7	0.9	0.9
181.7	177.4	167.7	161.3	156.1
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.1	0.7	0.7	0.8	0.5
2.7	3.2	2.2	1.6	2.2
0.6	0.2	0.3	0.3	0.2
4.4	4.2	3.2	2.7	2.9
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

0.6	0.7	0.4	0.1	0.1
3.3	3.5	3.9	3.5	2.9
0.9	0.2	0.7	0.3	0.6
4.8	4.4	4.9	3.9	3.6
6.1	6.3	6.1	6.0	5.6

METROPOLITAN TORONTO

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
6	4	7	1	3
36	54	58	62	60
260	213	258	236	228
302	271	323	299	291

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
4,242	4,243	5,362	4,388	4,652
246	279	248	284	396
1,307	1,666	2,252	3,344	5,602
742	421	489	233	568
319	256	175	199	167
253	197	315	169	116
7,109	7,061	8,841	8,617	11,500

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
55	54	95	89	98
127	178	352	363	844
247	249	230	245	190
355	375	445	510	459
157	141	135	125	89
441	378	423	386	383
1,382	1,375	1,680	1,718	2,063

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
47	34	56	55	45
206	210	231	269	248
272	349	374	492	455
221	177	213	202	212
93	71	59	110	63
282	235	252	239	246
1,121	1,076	1,185	1,367	1,269

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
23	14	10	12	15
6	3	2	4	9
26	25	21	27	31
55	42	33	43	55

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
10	3	3	4	7
13	7	12	8	13
81	156	134	121	107
104	166	149	133	127

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
40	39	34	38	39
69	55	64	55	56
7	10	6	8	5
116	104	104	101	100

METROPOLITAN TORONTO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.3	0.2	0.3	0.0	0.1
1.7	2.5	2.6	2.8	2.8
12.0	9.8	11.8	10.8	10.5
14.0	12.4	14.7	13.6	13.4
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
194.6	193.5	244.6	202.3	218.2
11.3	12.7	11.3	13.1	18.6
60.0	76.0	102.7	154.2	262.8
34.0	19.2	22.3	10.7	26.6
14.6	11.7	8.0	9.2	7.8
11.6	9.0	14.4	7.8	5.5
326.1	322.0	403.3	397.4	539.5
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.5	2.5	4.3	4.1	4.6
5.8	8.1	16.1	16.7	39.6
11.3	11.4	10.5	11.3	8.9
16.3	17.1	20.3	23.5	21.5
7.2	6.4	6.2	5.8	4.2
20.2	17.2	19.3	17.8	18.0
63.4	62.7	76.6	79.2	96.8
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.2	1.6	2.6	2.5	2.1
9.5	9.6	10.5	12.4	11.6
12.5	15.9	17.1	22.7	21.3
10.1	8.1	9.7	9.3	9.9
4.3	3.2	2.7	5.1	3.0
12.9	10.7	11.5	11.0	11.5
51.4	49.1	54.1	63.0	59.5
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.1	0.6	0.5	0.6	0.7
0.3	0.1	0.1	0.2	0.4
1.2	1.1	1.0	1.2	1.5
2.5	1.9	1.5	2.0	2.6
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.5	0.1	0.1	0.2	0.3
0.6	0.3	0.5	0.4	0.6
3.7	7.1	6.1	5.6	5.0
4.8	7.6	6.8	6.1	6.0
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

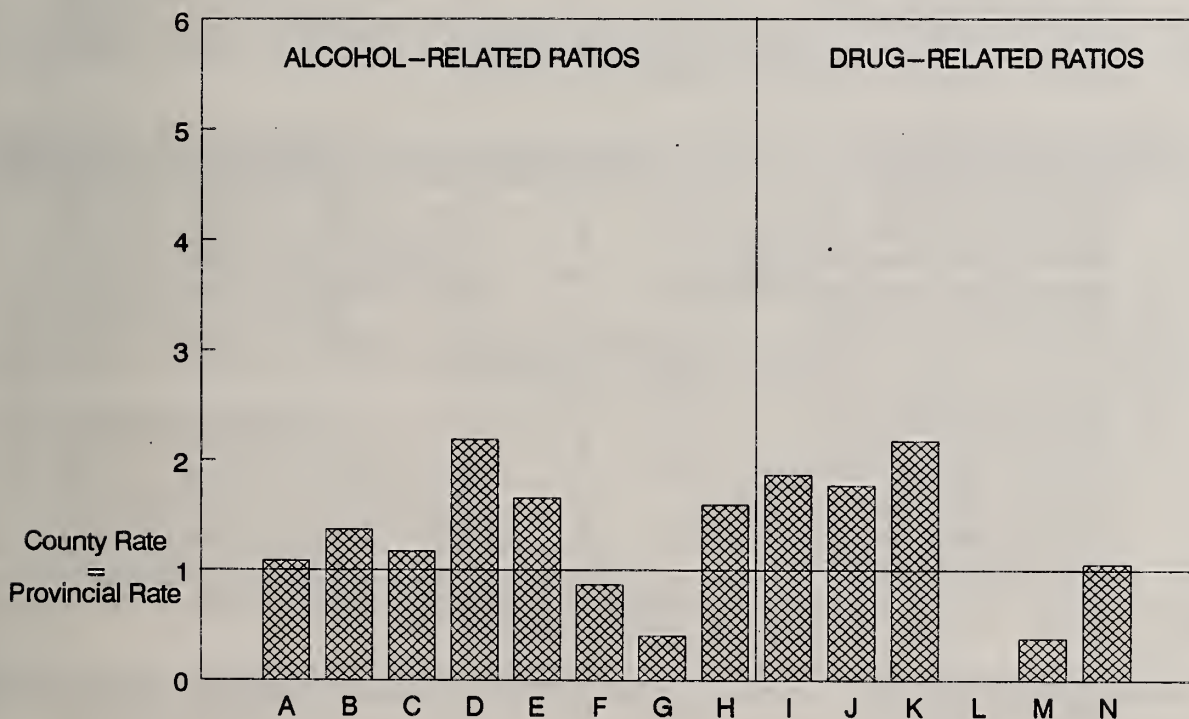
1984	1985	1986	1987	1988
1.8	1.8	1.6	1.7	1.8
3.2	2.5	2.9	2.5	2.6
0.3	0.5	0.3	0.4	0.2
5.4	4.8	4.7	4.6	4.6
4.1	3.4	3.5	3.6	3.6

METROPOLITAN TORONTO

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	254.0	254.2	256.2	248.3	253.1	249.5	245.1
10-14	137.8	133.7	129.4	121.8	119.5	120.7	116.5
15-19	162.4	154.6	149.0	150.4	142.0	145.6	141.9
20-29	422.4	425.0	423.7	444.1	440.7	434.8	421.1
30-39	340.0	350.0	363.4	361.1	360.2	356.3	355.2
40-49	248.5	250.4	253.2	256.4	263.5	257.2	257.3
50-59	252.2	250.7	249.5	244.3	239.9	237.9	232.9
60-64	105.2	112.5	115.8	114.1	113.7	112.2	109.5
65-74	142.0	143.0	148.0	150.8	154.7	151.5	150.5
75+	87.4	89.1	91.6	101.2	104.5	102.5	101.7
Total Population	2,152.2	2,163.1	2,179.7	2,192.7	2,192.0	2,168.4	2,131.7
Aged 15 and Over	1,760.4	1,775.2	1,794.1	1,822.6	1,819.4	1,798.2	1,770.1
Aged 20 and Over	1,598.0	1,620.6	1,645.1	1,672.2	1,677.4	1,652.6	1,628.2

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

VICTORIA

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				526.8
				24,302
				8,453
				3,934

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
1,083	955	1,018	1,312	1,264
n.a.	-	-	-	3
n.a.	3	3	9	4
289	267	185	254	246
13	11	9	21	17
1,385	1,236	1,215	1,596	1,534

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
74	50	71	67	82
81	77	87	77	67
5	7	5	6	6
160	134	163	150	155

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
4	6	5	9	8
20	17	26	19	13
4	-	2	-	5
19	12	26	31	21
-	2	-	1	-
47	37	59	60	47

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

7	8	3	9	4
40	32	47	65	53
-	8	6	9	6
43	41	30	22	31
-	2	-	1	3
90	91	86	106	97

Total

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

1985-86	1986-87	1987-88	1988-89	1989-90
1	-	1	5	1
2	-	1	2	1
-	-	2	-	1
3	-	4	7	3

Total

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

-	-	-	-	-
3	4	-	-	3
-	-	-	1	2
3	4	-	1	5

Total

VICTORIA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				11.8
				54,550
				18,974
				8,831

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
2,107.0	1,815.6	1,850.9	2,281.7	2,092.7
n.a.	-	-	-	5.0
n.a.	5.7	5.5	15.7	6.6
562.3	507.6	336.4	441.7	407.3
25.3	20.9	16.4	36.5	28.1
2,694.6	2,349.8	2,209.1	2,775.7	2,539.7
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
144.0	95.1	129.1	116.5	135.8
157.6	146.4	158.2	133.9	110.9
9.7	13.3	9.1	10.4	9.9
311.3	254.8	296.4	260.9	256.6
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				

1985-86	1986-87	1987-88	1988-89	1989-90
7.8	11.4	9.1	15.7	13.2
38.9	32.3	47.3	33.0	21.5
7.8	-	3.6	-	8.3
37.0	22.8	47.3	53.9	34.8
-	3.8	-	1.7	-
91.4	70.3	107.3	104.3	77.8
136.9	143.3	144.1	133.9	118.1

General Hospitals	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				

1985-86	1986-87	1987-88	1988-89	1989-90
13.6	15.2	5.5	15.7	6.6
77.8	60.8	85.5	113.0	87.7
-	15.2	10.9	15.7	9.9
83.7	77.9	54.5	38.3	51.3
-	3.8	-	1.7	5.0
175.1	173.0	156.4	184.3	160.6
190.1	190.2	186.4	177.9	173.8

Mental Hospitals	Primary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	-	1.8	8.7	1.7
3.9	-	1.8	3.5	1.7
-	-	3.6	-	1.7
5.8	-	7.3	12.2	5.0
15.2	14.1	14.4	12.6	11.3

Mental Hospitals	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
5.8	7.6	-	-	5.0
-	-	-	1.7	3.3
5.8	7.6	-	1.7	8.3
6.1	6.3	6.1	6.0	5.6

VICTORIA

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	-	-	1	-
2	7	4	8	6
2	7	4	9	6

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
107	57	136	80	95
-	-	-	-	-
1	-	1	15	6
21	-	6	6	26
-	-	-	-	-
3	3	1	1	4
132	60	145	102	131

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	2	1	1	-
4	2	5	2	8
1	1	2	2	1
5	7	10	13	10
-	2	4	3	6
9	5	7	10	12
20	19	29	31	37

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1	1	2	1	-
3	4	4	2	6
11	16	17	25	24
3	6	10	6	12
1	2	2	1	2
8	9	5	10	3
27	38	40	45	47

Mental Hospitals

Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	-	-	-	-
-	1	2	-	-
-	2	-	-	1
-	3	2	-	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

-	-	-	-	-
1	-	-	-	-
4	1	3	7	1
5	1	3	7	1

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
-	-	-	-	-
-	-	-	-	3
-	1	-	-	-
-	1	-	-	3

VICTORIA

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses	
Alcohol Dependence Syndrome	
Chronic Liver Disease and Cirrhosis	
County	
Province	

1984	1985	1986	1987	1988
—	—	—	—	—
—	—	—	1.8	—
4.0	13.6	7.6	14.5	10.4
4.0	13.6	7.6	16.4	10.4
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana	
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	
Restricted Drugs	
County	
Province	

1985	1986	1987	1988	1989
207.8	108.9	247.5	139.2	157.9
—	—	—	—	—
2.7	—	2.4	25.6	9.9
40.5	—	11.1	10.9	42.4
—	—	—	—	—
5.0	4.8	2.2	2.3	7.0
256.0	113.7	263.2	178.1	217.2
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
	Poisoning by Analgesics, Antipyretics...	
	Poisoning by Sedatives and Hypnotics	
	Poisoning by Psychotropic Agents	
		County Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.9	3.8	1.8	1.7	—
7.8	3.8	9.1	3.5	13.2
1.9	1.9	3.6	3.5	1.7
9.7	13.3	18.2	22.6	16.6
—	3.8	7.3	5.2	9.9
17.5	9.5	12.7	17.4	19.9
38.9	36.1	52.7	53.9	61.3
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
Poisoning by Analgesics, Antipyretics...	
Poisoning by Sedatives and Hypnotics	
Poisoning by Psychotropic Agents	
County	
Province	

1.9	1.9	3.6	1.7	—
5.8	7.6	7.3	3.5	9.9
21.4	30.4	30.9	43.5	39.7
5.8	11.4	18.2	10.4	19.9
1.9	3.8	3.6	1.7	3.3
15.6	17.1	9.1	17.4	5.0
52.5	72.2	72.7	78.3	77.8
60.7	59.5	64.8	71.0	64.8

Hospitals	<u>Primary Diagnoses</u>	
	Drug Psychoses	
	Drug Dependence	
	Nondependent Abuse of Drugs	
		County
		Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	—
—	1.9	3.6	—	—
—	3.8	—	—	1.7
—	5.7	3.6	—	1.7
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses	
Drug Dependence	
Nondependent Abuse of Drugs	
County	
Province	

—	—	—	—	—
1.9	—	—	—	—
7.8	1.9	5.5	12.2	1.7
9.7	1.9	5.5	12.2	1.7
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning	
Suicide	
Undetermined	
County	
Province	

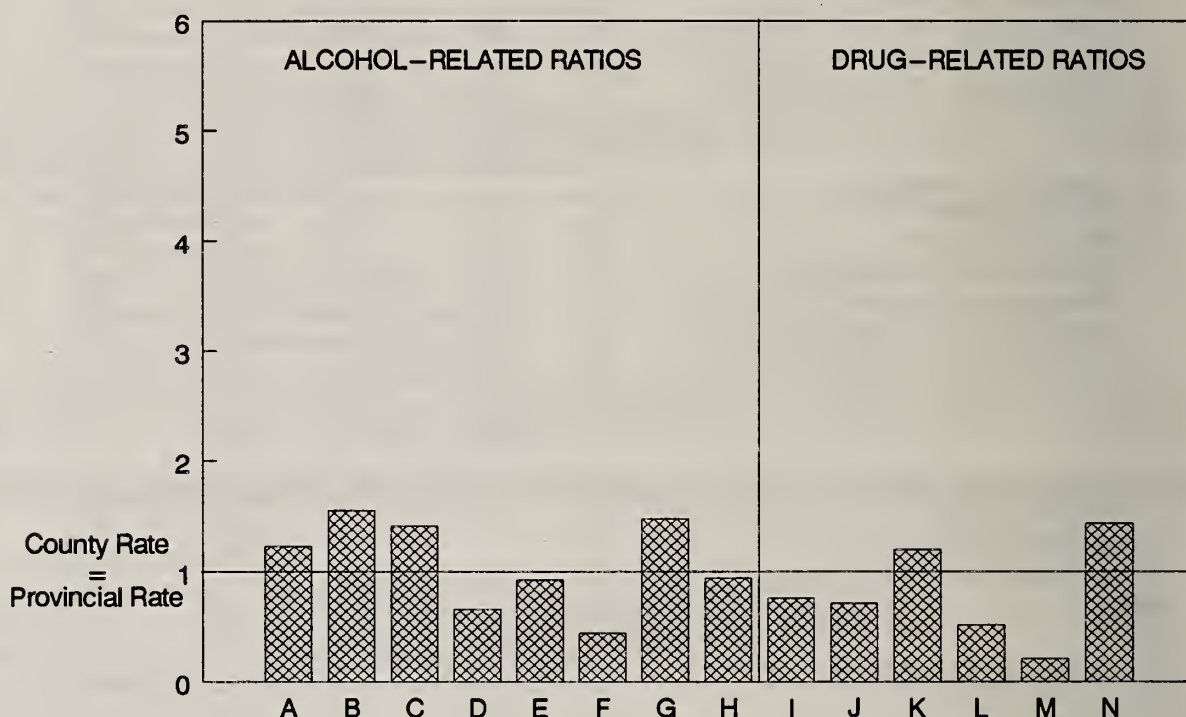
1984	1985	1986	1987	1988
—	—	—	—	—
—	—	—	—	5.2
—	1.9	—	—	—
—	1.9	—	—	5.2
4.1	3.4	3.5	3.6	3.6

VICTORIA

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	6.7	6.9	7.0	7.4	7.7	8.3	8.8
10-14	3.5	3.5	3.5	3.7	3.9	3.9	4.1
15-19	3.8	3.7	3.5	3.6	3.7	3.7	3.7
20-29	6.2	6.2	6.1	7.1	7.2	7.1	7.8
30-39	7.2	7.4	7.5	7.6	8.0	8.5	9.0
40-49	4.9	5.0	5.2	5.5	6.1	6.6	7.2
50-59	5.4	5.5	5.4	5.4	5.4	5.5	5.5
60-64	3.2	3.4	3.4	3.3	3.4	3.9	3.6
65-74	5.6	5.8	5.2	5.7	6.1	6.6	6.4
75+	3.0	3.3	3.5	3.3	3.5	3.9	4.1
Total Population	49.5	50.5	51.4	52.6	55.0	57.5	60.4
Aged 15 and Over	39.3	40.1	40.9	41.5	43.5	45.3	47.5
Aged 20 and Over	35.5	36.4	37.4	37.9	39.8	41.6	43.8

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

WATERLOO

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

	1988-89
	2,666.9
	166,842
	41,077
	18,264

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

Total

1985	1986	1987	1988	1989
3,118	2,894	3,196	3,001	2,470
n.a.	-	3	2	2
n.a.	45	34	35	34
1,580	1,394	1,231	1,378	1,323
92	102	121	120	135
4,790	4,435	4,585	4,536	3,964

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

Total

1985	1986	1987	1988	1989
370	316	327	387	365
425	366	390	353	293
17	10	12	10	9
812	692	729	750	667

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
47	54	52	46	49
116	149	196	179	91
38	56	53	48	66
94	111	137	104	79
16	10	14	14	12
311	380	452	391	297

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

31	27	26	23	31
305	295	264	282	301
58	78	63	68	57
166	169	119	141	134
21	18	21	21	5
581	587	493	535	528

Mental Hospitals
Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
-	2	2	1	-
13	14	23	17	10
-	-	-	-	-
13	16	25	18	10

Secondary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1	-	3	1	-
6	15	18	14	9
-	-	-	-	-
7	15	21	15	9

WATERLOO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.7
				60,749
				14,957
				6,650

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
966.5	878.8	945.3	862.4	688.4
n.a.	-	0.9	0.6	0.6
n.a.	13.7	10.1	10.1	9.5
489.8	423.3	364.1	396.0	368.7
28.5	31.0	35.8	34.5	37.6
1,484.8	1,346.8	1,356.1	1,303.4	1,104.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
114.7	96.0	96.7	111.2	101.7
131.7	111.1	115.4	101.4	81.7
5.3	3.0	3.5	2.9	2.5
251.7	210.1	215.6	215.5	185.9
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
14.6	16.4	15.4	13.2	13.7
36.0	45.2	58.0	51.4	25.4
11.8	17.0	15.7	13.8	18.4
29.1	33.7	40.5	29.9	22.0
5.0	3.0	4.1	4.0	3.3
96.4	115.4	133.7	112.4	82.8
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

9.6	8.2	7.7	6.6	8.6
94.5	89.6	78.1	81.0	83.9
18.0	23.7	18.6	19.5	15.9
51.5	51.3	35.2	40.5	37.3
6.5	5.5	6.2	6.0	1.4
180.1	178.3	145.8	153.7	147.2
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
-	0.6	0.6	0.3	-
4.0	4.3	6.8	4.9	2.8
-	-	-	-	-
4.0	4.9	7.4	5.2	2.8
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

0.3	-	0.9	0.3	-
1.9	4.6	5.3	4.0	2.5
-	-	-	-	-
2.2	4.6	6.2	4.3	2.5
6.1	6.3	6.1	6.0	5.6

General Hospitals

Mental Hospitals

WATERLOO

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	—	—	—
4	3	5	3	2
27	25	27	21	24
31	28	32	24	26

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
288	251	319	450	404
—	1	—	—	—
6	8	30	47	60
14	24	37	16	26
1	2	—	—	—
8	19	22	26	28
317	305	408	539	518

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
8	6	5	6	8
11	13	17	22	13
14	12	18	15	16
94	101	98	141	102
46	30	36	35	24
121	129	123	149	108
294	291	297	368	271

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

4	10	5	11	9
20	14	18	24	24
30	21	35	44	36
15	9	19	13	34
4	11	4	17	4
16	11	12	11	54
89	76	93	120	161

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	1	1	2
3	3	—	3	9
1	—	1	—	1
5	3	2	4	12

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	1	2
6	7	9	9	9
7	7	13	14	11
13	14	22	24	22

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
6	—	2	6	—
12	2	4	4	4
—	1	1	—	1
18	3	7	10	5

WATERLOO

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	—	—	—
1.3	0.9	1.5	0.9	0.6
8.5	7.7	8.2	6.2	6.9
9.8	8.7	9.7	7.1	7.5
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
89.3	76.2	94.3	129.4	112.7
—	0.4	—	—	—
1.7	2.6	8.9	13.4	16.7
4.3	7.2	10.9	4.5	7.1
0.4	0.5	—	—	—
2.4	5.7	6.5	7.6	7.8
98.1	92.6	120.5	155.0	144.3
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
2.5	1.8	1.5	1.7	2.2
3.4	3.9	5.0	6.3	3.6
4.3	3.6	5.3	4.3	4.5
29.1	30.7	29.0	40.5	28.4
14.3	9.1	10.6	10.1	6.7
37.5	39.2	36.4	42.8	30.1
91.1	88.4	87.8	105.7	75.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.2	3.0	1.5	3.2	2.5
6.2	4.3	5.3	6.9	6.7
9.3	6.4	10.4	12.6	10.0
4.6	2.7	5.6	3.7	9.5
1.2	3.3	1.2	4.9	1.1
5.0	3.3	3.5	3.2	15.1
27.6	23.1	27.5	34.5	44.9
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	—	0.3	0.3	0.6
0.9	0.9	—	0.9	2.5
0.3	—	0.3	—	0.3
1.5	0.9	0.6	1.1	3.3
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	0.3	0.6
1.9	2.1	2.7	2.6	2.5
2.2	2.1	3.8	4.0	3.1
4.0	4.3	6.5	6.9	6.1
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

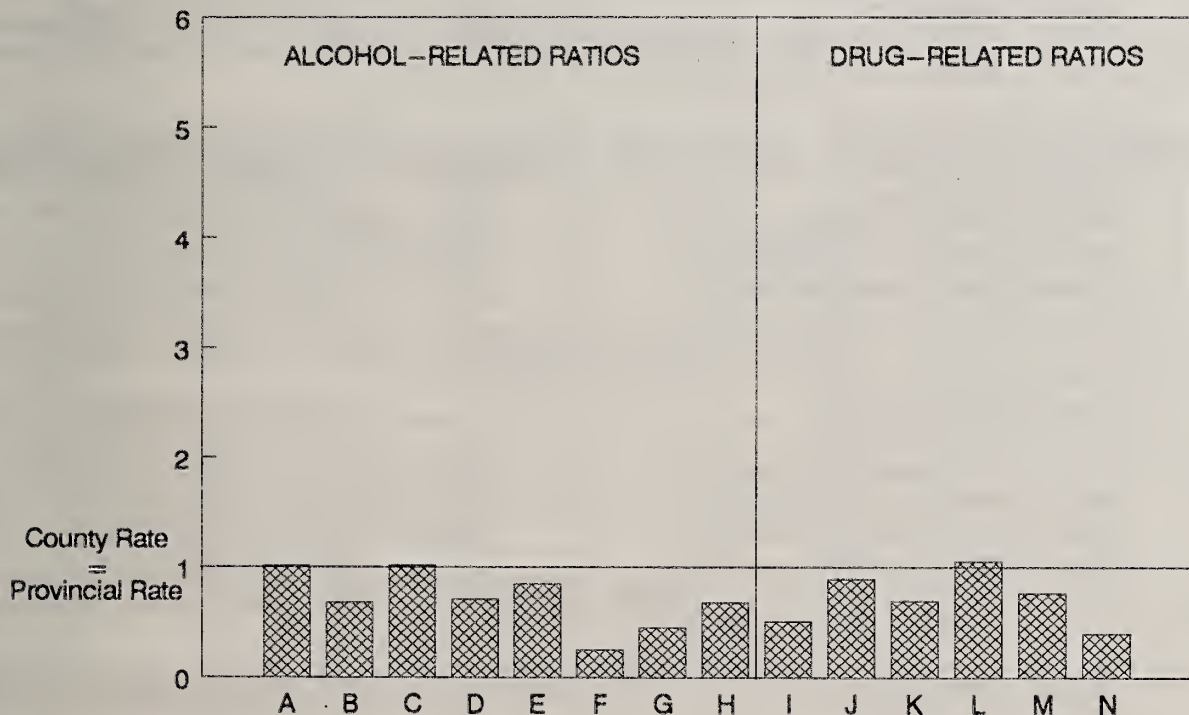
1984	1985	1986	1987	1988
1.9	—	0.6	1.8	—
3.8	0.6	1.2	1.2	1.1
—	0.3	0.3	—	0.3
5.7	0.9	2.1	3.0	1.4
4.1	3.4	3.5	3.6	3.6

WATERLOO

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	46.5	46.8	47.0	48.6	49.7	51.1	52.8
10-14	25.2	24.9	24.7	24.4	24.6	24.4	24.5
15-19	26.8	26.1	25.8	26.2	26.5	26.5	25.7
20-29	58.9	60.1	61.4	61.9	63.1	63.5	64.9
30-39	49.9	51.2	52.7	54.7	55.7	57.1	61.6
40-49	33.7	34.9	36.2	37.6	40.3	44.0	47.1
50-59	30.4	30.5	30.7	30.2	30.6	30.7	30.7
60-64	12.6	13.3	14.0	13.9	14.1	14.7	14.4
65-74	17.1	17.5	18.2	19.0	20.2	21.7	22.1
75+	11.4	11.8	12.1	12.8	13.3	14.3	15.0
Total Population	312.7	317.3	322.6	329.3	338.1	348.0	358.8
Aged 15 and Over	241.0	245.6	250.9	256.3	263.8	272.5	281.5
Aged 20 and Over	214.2	219.5	225.1	230.1	237.3	246.0	255.8

RATIO COUNTY RATE TO PROVINCIAL RATE - LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences - Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations - Alcohol
- E. General Secondary Separations - Alcohol
- F. Mental Primary Separations - Alcohol
- G. Mental Secondary Separations - Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences - Drugs
- J. General Primary Separations - Drugs
- K. General Secondary Separations - Drugs
- L. Mental Primary Separations - Drugs
- M. Mental Secondary Separations - Drugs
- N. Drug-Related Deaths

WELLINGTON

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				1,046.9
				71,366
				15,858
				6,991

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
2,544	2,521	2,457	2,315	1,903
n.a.	1	-	1	2
n.a.	10	6	5	5
683	455	479	678	512
15	10	21	35	48
3,242	2,997	2,963	3,034	2,470

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
130	135	128	140	134
186	151	175	148	154
13	8	14	10	6
329	294	317	298	294

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
20	11	19	15	15
146	137	140	131	28
28	24	24	41	18
30	45	44	51	44
7	4	8	2	8
231	221	235	240	113

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

18	16	19	19	14
157	137	132	120	95
29	41	62	51	26
69	94	59	68	47
5	1	3	3	2
278	289	275	261	184

Mental Hospitals

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
2	1	-	-	-
5	3	7	2	5
-	-	-	-	-
7	4	7	2	5

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

-	-	-	1	1
2	5	6	3	-
1	-	-	-	1
3	5	6	4	2

WELLINGTON

ALCOHOL—RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988–89
				9.2
				62,383
				13,862
				6,111

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,859.6	1,807.2	1,718.2	1,568.4	1,253.6
n.a.	0.7	—	0.7	1.3
n.a.	7.2	4.2	3.4	3.3
499.3	326.2	335.0	459.3	337.3
11.0	7.2	14.7	23.7	31.6
2,369.9	2,148.4	2,072.0	2,055.6	1,627.1
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL—RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
95.0	96.8	89.5	94.9	88.3
136.0	108.2	122.4	100.3	101.4
9.5	5.7	9.8	6.8	4.0
240.5	210.8	221.7	201.9	193.7
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				

1985–86	1986–87	1987–88	1988–89	1989–90
14.6	7.9	13.3	10.2	9.9
106.7	98.2	97.9	88.8	18.4
20.5	17.2	16.8	27.8	11.9
21.9	32.3	30.8	34.6	29.0
5.1	2.9	5.6	1.4	5.3
168.9	158.4	164.3	162.6	74.4
136.9	143.3	144.1	133.9	118.1

General Hospitals	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	Chronic Liver Disease and Cirrhosis				
	Toxic Effects of Alcohol				
	County				
	Province				

1985–86	1986–87	1987–88	1988–89	1989–90
13.2	11.5	13.3	12.9	9.2
114.8	98.2	92.3	81.3	62.6
21.2	29.4	43.4	34.6	17.1
50.4	67.4	41.3	46.1	31.0
3.7	0.7	2.1	2.0	1.3
203.2	207.2	192.3	176.8	121.2
190.1	190.2	186.4	177.9	173.8

Mental Hospitals	Primary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				

1985–86	1986–87	1987–88	1988–89	1989–90
1.5	0.7	—	—	—
3.7	2.2	4.9	1.4	3.3
—	—	—	—	—
5.1	2.9	4.9	1.4	3.3
15.2	14.1	14.4	12.6	11.3

Mental Hospitals	Secondary Diagnoses				
	Alcoholic Psychoses				
	Alcohol Dependence Syndrome				
	Nondependent Abuse of Alcohol				
	County				
	Province				

1985–86	1986–87	1987–88	1988–89	1989–90
—	—	—	0.7	0.7
1.5	3.6	4.2	2.0	—
0.7	—	—	—	0.7
2.2	3.6	4.2	2.7	1.3
6.1	6.3	6.1	6.0	5.6

WELLINGTON

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
—	—	1	—	—
2	1	1	1	1
10	8	18	16	14
12	9	20	17	15

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
88	149	126	196	129
4	1	3	7	—
—	20	10	15	13
—	6	61	22	9
1	—	—	2	—
14	6	16	11	6
108	182	216	252	156

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
5	6	6	4	5
10	12	19	16	14
13	14	11	17	4
50	39	52	61	61
14	12	16	12	12
67	60	56	43	52
159	143	160	153	148

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

5	6	7	5	8
15	26	25	19	10
20	21	25	31	19
14	9	11	11	8
2	2	3	1	2
8	11	6	10	7
64	75	77	77	54

Mental Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1	—	1	—	—
2	—	6	1	1
—	—	3	—	1
3	—	10	1	2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1	—	—	—	1
1	2	4	—	3
1	—	1	4	6
3	2	5	4	10

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
—	1	—	—	2
3	4	1	2	2
—	—	—	—	1
3	5	1	2	5

WELLINGTON

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
—	—	0.7	—	—
1.5	0.7	0.7	0.7	0.7
7.4	5.8	12.9	11.2	9.5
8.9	6.6	14.3	11.9	10.2
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
64.4	106.6	88.1	132.8	85.1
2.9	0.9	1.9	4.5	—
—	14.2	7.3	10.0	8.7
—	4.3	42.8	14.9	5.6
1.0	—	—	1.4	—
10.4	4.5	11.1	7.2	3.7
78.7	130.4	151.2	170.7	103.1
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
3.7	4.3	4.2	2.7	3.3
7.3	8.6	13.3	10.8	9.2
9.5	10.0	7.7	11.5	2.6
36.5	28.0	36.4	41.3	40.2
10.2	8.6	11.2	8.1	7.9
49.0	43.0	39.2	29.1	34.3
116.2	102.5	111.9	103.7	97.5
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

3.7	4.3	4.9	3.4	5.3
11.0	18.6	17.5	12.9	6.6
14.6	15.1	17.5	21.0	12.5
10.2	6.5	7.7	7.5	5.3
1.5	1.4	2.1	0.7	1.3
5.8	7.9	4.2	6.8	4.6
46.8	53.8	53.8	52.2	35.6
60.7	59.5	64.8	71.0	64.8

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.7	—	0.7	—	—
1.5	—	4.2	0.7	0.7
—	—	2.1	—	0.7
2.2	—	7.0	0.7	1.3
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

0.7	—	—	—	0.7
0.7	1.4	2.8	—	2.0
0.7	—	0.7	2.7	4.0
2.2	1.4	3.5	2.7	6.6
6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

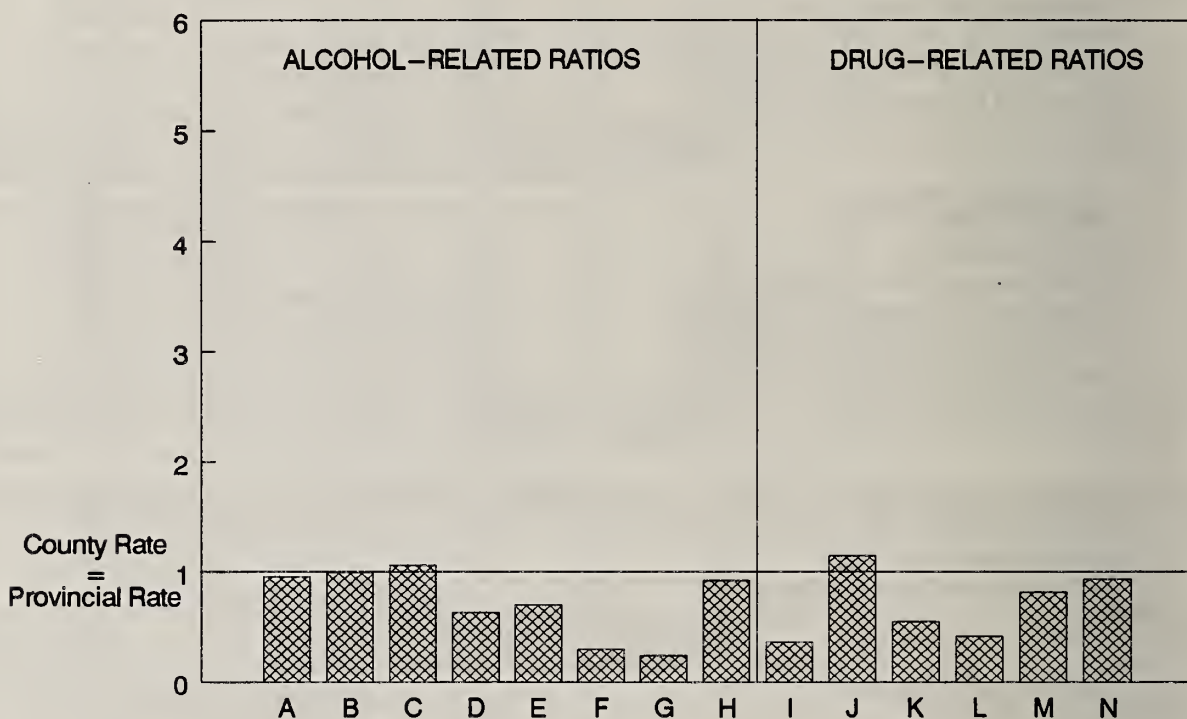
1984	1985	1986	1987	1988
—	0.7	—	—	1.4
2.2	2.9	0.7	1.4	1.4
—	—	—	—	0.7
2.2	3.7	0.7	1.4	3.4
4.1	3.4	3.5	3.6	3.6

WELLINGTON

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0- 9	19.5	19.6	19.9	21.0	20.8	21.8	22.8
10-14	10.3	10.2	10.2	10.3	9.7	9.7	9.9
15-19	11.9	11.4	11.1	10.6	11.1	11.0	10.5
20-29	22.8	23.2	23.0	25.1	25.3	25.3	25.7
30-39	19.0	18.9	18.5	22.5	23.4	24.0	25.7
40-49	14.5	15.1	15.8	15.6	16.9	18.5	19.7
50-59	13.5	13.8	13.9	13.0	13.6	13.8	13.6
60-64	5.8	6.2	6.4	6.1	6.3	6.5	6.3
65-74	8.8	9.0	9.6	8.9	9.4	10.0	10.4
75+	6.8	7.3	7.9	6.5	6.7	7.0	7.2
Total Population	133.0	134.7	136.8	139.5	143.0	147.6	151.8
Aged 15 and Over	103.2	104.9	106.7	108.2	112.5	116.1	119.1
Aged 20 and Over	91.3	93.5	95.6	97.6	101.4	105.1	108.6

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

YORK

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

	1988-89
Litres (thousands)	2,390.2
Estimated Low Risk Consumers	217,693
Estimated Moderate Risk Consumers	34,457
Estimated High Risk Consumers	14,958

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Liquor Act	3,334	3,135	3,490	3,415	3,167
Impaired Operation Causing Death	n.a.	1	2	4	2
Impaired Operation Causing Bodily Harm	n.a.	12	10	25	10
Impaired Operation Over 80 mg%	1,666	1,536	1,490	1,571	1,604
Fail/Refuse to Provide Breath/Blood Sample	2	27	44	61	107
Total	5,002	4,711	5,036	5,076	4,890

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

	1985	1986	1987	1988	1989
Resulting in Property Damage	238	222	258	330	393
Resulting in Personal Injury	291	262	332	321	333
Resulting in Fatalities	6	6	6	9	8
Total	535	490	596	660	734

HOSPITAL SEPARATIONS

General Hospitals	Primary Diagnoses	1985-86	1986-87	1987-88	1988-89	1989-90
	Alcoholic Psychoses	19	22	23	25	28
	Alcohol Dependence Syndrome	109	132	142	146	136
	Nondependent Abuse of Alcohol	27	33	30	32	27
	Chronic Liver Disease and Cirrhosis	56	78	83	102	79
	Toxic Effects of Alcohol	8	9	8	5	11
	Total	219	274	286	310	281

Secondary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	17	9	25	11	18
Alcohol Dependence Syndrome	132	134	181	163	165
Nondependent Abuse of Alcohol	23	40	37	38	26
Chronic Liver Disease and Cirrhosis	84	88	93	117	103
Toxic Effects of Alcohol	4	4	1	4	2
Total	260	275	337	333	314

Primary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	2	1	-	2	-
Alcohol Dependence Syndrome	2	3	2	1	2
Nondependent Abuse of Alcohol	-	-	2	-	1
Total	4	4	4	3	3

Secondary Diagnoses

	1985-86	1986-87	1987-88	1988-89	1989-90
Alcoholic Psychoses	1	-	-	2	-
Alcohol Dependence Syndrome	3	3	6	2	1
Nondependent Abuse of Alcohol	-	-	5	1	-
Total	4	3	11	5	1

YORK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				7.4
				67,156
				10,630
				4,614

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,035.4	894.4	905.6	804.1	695.4
n.a.	0.3	0.5	0.9	0.4
n.a.	3.4	2.6	5.9	2.2
517.4	438.2	386.6	369.9	352.2
0.6	7.7	11.4	14.4	23.5
1,553.4	1,344.1	1,306.7	1,195.2	1,073.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
73.8	63.3	66.9	77.7	86.4
90.4	74.8	86.2	75.5	73.2
2.0	1.7	1.6	2.2	1.7
166.2	139.8	154.6	155.4	161.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.9	6.3	6.0	5.9	6.1
33.9	37.7	36.8	34.4	29.9
8.4	9.4	7.8	7.5	5.9
17.4	22.3	21.5	24.0	17.3
2.5	2.6	2.1	1.2	2.4
68.0	78.2	74.2	73.0	61.7
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
5.3	2.6	6.5	2.6	4.0
41.0	38.2	47.0	38.4	36.2
7.1	11.4	9.6	8.9	5.7
26.1	25.1	24.1	27.5	22.6
1.2	1.1	0.3	0.9	0.4
80.7	78.5	87.4	78.4	69.0
190.1	190.2	186.4	177.9	173.8

Mental Hospitals

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.6	0.3	-	0.5	-
0.6	0.9	0.5	0.2	0.4
-	-	0.5	-	0.2
1.2	1.1	1.0	0.7	0.7
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.3	-	-	0.5	-
0.9	0.9	1.6	0.5	0.2
-	-	1.3	0.2	-
1.2	0.9	2.9	1.2	0.2
6.1	6.3	6.1	6.0	5.6

YORK

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
1	1	—	—	—
2	—	—	2	2
25	20	21	23	23
28	21	21	25	25

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
718	446	425	446	518
—	2	—	4	1
30	20	26	75	84
—	—	55	19	26
—	2	—	—	—
16	1	6	9	8
764	471	512	553	637

HOSPITAL SEPARATIONS

General Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
3	1	10	12	12
9	18	24	36	41
26	13	14	27	18
65	74	86	89	90
8	10	15	19	15
47	51	79	82	75
158	167	228	265	251

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

4	5	7	8	5
16	7	26	34	30
21	26	30	37	59
39	29	33	50	50
6	4	7	14	9
31	23	38	45	40
117	94	141	188	193

Mental Hospitals
Primary Diagnoses
Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	5	1	—
—	1	5	—	—
2	4	6	1	1
2	5	16	2	1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

—	—	—	—	1
—	—	—	—	1
1	2	5	6	8
1	2	5	6	10

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
2	3	3	2	3
5	3	4	3	5
—	1	—	—	1
7	7	7	5	9

YORK

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

County
Province

1984	1985	1986	1987	1988
0.3	0.3	—	—	—
0.7	—	—	0.5	0.5
8.3	6.2	6.0	6.0	5.4
9.3	6.5	6.0	6.5	5.9
11.4	11.3	11.6	11.2	11.1

DRUG-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

County
Province

1985	1986	1987	1988	1989
222.9	127.3	110.2	104.9	113.7
—	0.7	—	0.9	0.3
9.4	5.7	6.8	17.6	18.4
—	—	14.3	4.4	5.6
—	0.4	—	—	—
4.8	0.4	1.6	2.2	1.8
237.1	134.4	132.9	130.1	139.8
219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.9	0.3	2.6	2.8	2.6
2.8	5.1	6.2	8.5	9.0
8.1	3.7	3.6	6.4	4.0
20.2	21.1	22.3	21.0	19.8
2.5	2.9	3.9	4.5	3.3
14.6	14.6	20.5	19.3	16.5
49.1	47.6	59.2	62.4	55.1
73.5	77.7	87.3	86.6	85.1

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.2	1.4	1.8	1.9	1.1
5.0	2.0	6.7	8.0	6.6
6.5	7.4	7.8	8.7	13.0
12.1	8.3	8.6	11.8	11.0
1.9	1.1	1.8	3.3	2.0
9.6	6.6	9.9	10.6	8.8
36.3	26.8	36.6	44.3	42.4
60.7	59.5	64.8	71.0	64.8

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	1.3	0.2	—
—	0.3	1.3	—	—
0.6	1.1	1.6	0.2	0.2
0.6	1.4	4.2	0.5	0.2
4.0	3.6	3.1	3.5	3.2

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
—	—	—	—	0.2
—	—	—	—	0.2
0.3	0.6	1.3	1.4	1.8
0.3	0.6	1.3	1.4	2.2
6.6	7.2	8.4	8.7	8.0

Mental Hospitals

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

County
Province

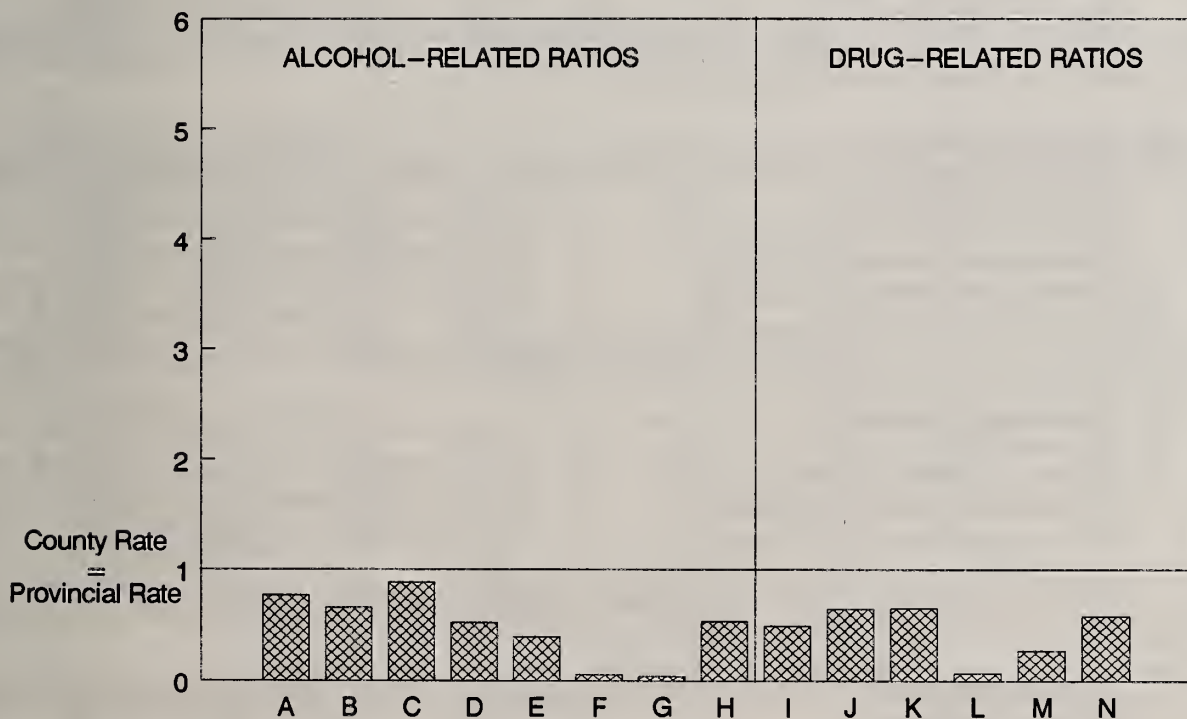
1984	1985	1986	1987	1988
0.7	0.9	0.9	0.5	0.7
1.7	0.9	1.1	0.8	1.2
—	0.3	—	—	0.2
2.3	2.2	2.0	1.3	2.1
4.1	3.4	3.5	3.6	3.6

YORK

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0-9	44.4	48.3	52.4	58.5	64.5	70.1	76.1
10-14	23.5	24.8	26.1	27.8	29.5	31.2	33.2
15-19	24.1	24.8	25.3	27.8	30.4	32.3	32.3
20-29	43.3	45.6	48.1	54.9	58.7	62.6	63.7
30-39	51.4	56.1	61.6	67.2	74.2	83.2	89.1
40-49	36.0	39.2	42.8	47.1	55.6	66.0	74.3
50-59	26.8	28.0	29.6	31.7	34.5	37.5	40.0
60-64	9.5	10.3	10.9	11.4	12.1	13.1	14.5
65-74	12.5	13.0	14.0	14.6	15.7	17.2	19.3
75+	9.1	10.1	11.2	9.7	10.3	11.5	12.9
Total Population	280.3	300.0	322.0	350.5	385.4	424.7	455.4
Aged 15 and Over	212.4	226.9	243.5	264.2	291.4	323.4	346.1
Aged 20 and Over	188.3	202.4	218.2	236.6	261.0	291.1	313.8

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol-Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol-Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug-Related Deaths

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED OCCURRENCES

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres (thousands)
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

				1988-89
				73,324.3
				4,667,978
				1,078,424
				503,680

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample
Total

1985	1986	1987	1988	1989
120,449	137,399	129,255	123,640	117,423
n.a.	45	65	74	57
n.a.	607	598	549	573
39,149	37,598	35,501	35,449	35,898
2,451	2,719	2,659	2,893	2,950
162,049	178,368	168,078	162,605	156,901

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities
Total

1985	1986	1987	1988	1989
9,602	8,037	8,389	9,022	9,237
10,812	9,266	9,910	8,390	7,900
445	420	438	407	351
20,859	17,723	18,737	17,819	17,488

HOSPITAL SEPARATIONS

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
1,383	1,500	1,578	1,514	1,499
6,175	6,605	6,563	6,127	4,997
1,102	1,215	1,222	1,149	1,120
3,310	3,413	3,620	3,504	3,393
360	324	365	336	314
12,330	13,057	13,348	12,630	11,323

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

Total

832	865	916	892	931
9,879	10,108	9,853	9,335	9,188
1,348	1,561	1,713	1,672	1,795
4,874	4,651	4,638	4,722	4,597
187	147	150	161	158
17,120	17,332	17,270	16,782	16,669

Primary Diagnoses
Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

1985-86	1986-87	1987-88	1988-89	1989-90
88	89	102	86	54
1,187	1,118	1,156	957	797
92	82	80	145	229
1,367	1,289	1,338	1,188	1,080

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

Total

34	38	36	36	35
401	430	418	421	371
112	109	109	108	132
547	577	563	565	538

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

CONSUMPTION OF ABSOLUTE ALCOHOL

Litres Per Person Aged 15+
Estimated Low Risk Consumers
Estimated Moderate Risk Consumers
Estimated High Risk Consumers

Rates per 100,000 Population Aged 15+				
				1988-89
				9.6
				61,066
				14,108
				6,589

LEGAL OFFENCES

Liquor Act
Impaired Operation Causing Death
Impaired Operation Causing Bodily Harm
Impaired Operation Over 80 mg%
Fail/Refuse to Provide Breath/Blood Sample

County
Province

1985	1986	1987	1988	1989
1,337.4	1,507.8	1,395.1	1,311.0	1,224.2
n.a.	0.5	0.7	0.8	0.6
n.a.	6.7	6.5	5.8	6.0
434.7	412.6	383.2	375.9	374.3
27.2	29.8	28.7	30.7	30.8
1,799.3	1,957.4	1,814.2	1,724.2	1,635.8
1,799.3	1,957.4	1,814.2	1,717.5	1,635.8

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Resulting in Property Damage
Resulting in Personal Injury
Resulting in Fatalities

County
Province

1985	1986	1987	1988	1989
106.6	88.2	90.5	95.7	96.3
120.1	101.7	107.0	89.0	82.4
4.9	4.6	4.7	4.3	3.7
231.6	194.5	202.2	188.9	182.3
231.6	194.5	202.2	188.9	182.3

HOSPITAL SEPARATIONS

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
15.4	16.5	17.0	16.1	15.6
68.6	72.5	70.8	65.0	52.1
12.2	13.3	13.2	12.2	11.7
36.8	37.5	39.1	37.2	35.4
4.0	3.6	3.9	3.6	3.3
136.9	143.3	144.1	133.9	118.1
136.9	143.3	144.1	133.9	118.1

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol
Chronic Liver Disease and Cirrhosis
Toxic Effects of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
9.2	9.5	9.9	9.5	9.7
109.7	110.9	106.3	99.0	95.8
15.0	17.1	18.5	17.7	18.7
54.1	51.0	50.1	50.1	47.9
2.1	1.6	1.6	1.7	1.6
190.1	190.2	186.4	177.9	173.8
190.1	190.2	186.4	177.9	173.8

Primary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
1.0	1.0	1.1	0.9	0.6
13.2	12.3	12.5	10.1	8.3
1.0	0.9	0.9	1.5	2.4
15.2	14.1	14.4	12.6	11.3
15.2	14.1	14.4	12.6	11.3

Secondary Diagnoses

Alcoholic Psychoses
Alcohol Dependence Syndrome
Nondependent Abuse of Alcohol

County
Province

1985-86	1986-87	1987-88	1988-89	1989-90
0.4	0.4	0.4	0.4	0.4
4.5	4.7	4.5	4.5	3.9
1.2	1.2	1.2	1.1	1.4
6.1	6.3	6.1	6.0	5.6
6.1	6.3	6.1	6.0	5.6

ONTARIO – PROVINCIAL TOTAL

ALCOHOL-RELATED OCCURRENCES

MORTALITY

Alcohol Psychoses
Alcohol Dependence Syndrome
Chronic Liver Disease and Cirrhosis

Total

1984	1985	1986	1987	1988
20	16	18	21	18
124	146	164	176	175
870	855	879	845	850
1,014	1,017	1,061	1,042	1,043

DRUG-RELATED OCCURRENCES

LEGAL OFFENCES

Marijuana
Heroin
Cocaine
Other Drugs
Controlled Drugs
Restricted Drugs

Total

1985	1986	1987	1988	1989
14,309	14,092	15,673	14,567	15,706
273	347	269	404	425
1,825	2,384	3,280	4,854	7,521
2,344	1,555	2,527	1,346	2,707
390	326	244	301	225
662	618	861	569	675
19,803	19,322	22,854	22,041	27,259

HOSPITAL SEPARATIONS

General Hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
317	279	366	362	378
678	797	1,240	1,237	1,642
627	634	652	675	594
2,089	2,223	2,524	2,689	2,598
884	828	837	807	611
2,329	2,318	2,465	2,395	2,337
6,924	7,079	8,084	8,165	8,160

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs
Poisoning by Analgesics, Antipyretics...
Poisoning by Sedatives and Hypnotics
Poisoning by Psychotropic Agents

Total

1985-86	1986-87	1987-88	1988-89	1989-90
220	209	247	264	272
904	1,012	1,160	1,218	1,144
1,352	1,392	1,595	1,949	1,819
1,189	1,139	1,229	1,328	1,254
440	399	418	577	337
1,360	1,270	1,355	1,357	1,388
5,465	5,421	6,004	6,693	6,214

hospitals

Primary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
94	68	67	94	48
183	179	134	138	166
81	84	90	98	91
358	331	291	330	305

Secondary Diagnoses

Drug Psychoses
Drug Dependence
Nondependent Abuse of Drugs

Total

1985-86	1986-87	1987-88	1988-89	1989-90
37	20	27	34	26
346	337	382	376	428
212	301	365	415	318
595	658	774	825	772

MORTALITY

From Drugs, Medicaments & Biologicals

Accidental Poisoning
Suicide
Undetermined

Total

1984	1985	1986	1987	1988
116	101	91	106	124
230	175	208	197	193
18	29	23	27	26
364	305	322	330	343

ONTARIO – PROVINCIAL TOTAL

ALCOHOL–RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

MORTALITY

	1984	1985	1986	1987	1988
Alcohol Psychoses	0.2	0.2	0.2	0.2	0.2
Alcohol Dependence Syndrome	1.4	1.6	1.8	1.9	1.9
Chronic Liver Disease and Cirrhosis	9.8	9.5	9.6	9.1	9.0
County	11.4	11.3	11.6	11.2	11.1
Province	11.4	11.3	11.6	11.2	11.1

DRUG–RELATED RATES (All rates are per 100,000 total population unless otherwise specified)

LEGAL OFFENCES

	1985	1986	1987	1988	1989
Marijuana	158.9	154.6	169.2	154.5	163.7
Heroin	3.0	3.8	2.9	4.3	4.4
Cocaine	20.3	26.2	35.4	51.5	78.4
Other Drugs	26.0	17.1	27.3	14.3	28.2
Controlled Drugs	4.3	3.6	2.6	3.2	2.3
Restricted Drugs	7.4	6.8	9.3	6.0	7.0
County	219.9	212.0	246.7	233.7	284.2
Province	219.9	212.0	246.7	233.7	284.2

HOSPITAL SEPARATIONS

General Hospitals	<u>Primary Diagnoses</u>		1985–86	1986–87	1987–88	1988–89	1989–90
	Drug Psychoses		3.5	3.1	4.0	3.8	3.9
	Drug Dependence		7.5	8.7	13.4	13.1	17.1
	Nondependent Abuse of Drugs		7.0	7.0	7.0	7.2	6.2
	Poisoning by Analgesics, Antipyretics...		23.2	24.4	27.2	28.5	27.1
	Poisoning by Sedatives and Hypnotics		9.8	9.1	9.0	8.6	6.4
	Poisoning by Psychotropic Agents		25.9	25.4	26.6	25.4	24.4
	County		76.9	77.7	87.3	86.6	85.1
	Province		73.5	77.7	87.3	86.6	85.1
	<u>Secondary Diagnoses</u>						
	Drug Psychoses		2.4	2.3	2.7	2.8	2.8
	Drug Dependence		10.0	11.1	12.5	12.9	11.9
	Nondependent Abuse of Drugs		15.0	15.3	17.2	20.7	19.0
	Poisoning by Analgesics, Antipyretics...		13.2	12.5	13.3	14.1	13.1
	Poisoning by Sedatives and Hypnotics		4.9	4.4	4.5	6.1	3.5
	Poisoning by Psychotropic Agents		15.1	13.9	14.6	14.4	14.5
	County		60.7	59.5	64.8	71.0	64.8
	Province		60.7	59.5	64.8	71.0	64.8
	<u>Primary Diagnoses</u>		1985–86	1986–87	1987–88	1988–89	1989–90
	Drug Psychoses		1.0	0.7	0.7	1.0	0.5
Mental Hospitals	Drug Dependence		2.0	2.0	1.4	1.5	1.7
	Nondependent Abuse of Drugs		0.9	0.9	1.0	1.0	0.9
	County		4.0	3.6	3.1	3.5	3.2
	Province		4.0	3.6	3.1	3.5	3.2
	<u>Secondary Diagnoses</u>						
	Drug Psychoses		0.4	0.2	0.3	0.4	0.3
	Drug Dependence		3.8	3.7	4.1	4.0	4.5
	Nondependent Abuse of Drugs		2.4	3.3	3.9	4.4	3.3
	County		6.6	7.2	8.4	8.7	8.0
	Province		6.6	7.2	8.4	8.7	8.0

MORTALITY

From Drugs, Medicaments & Biologicals

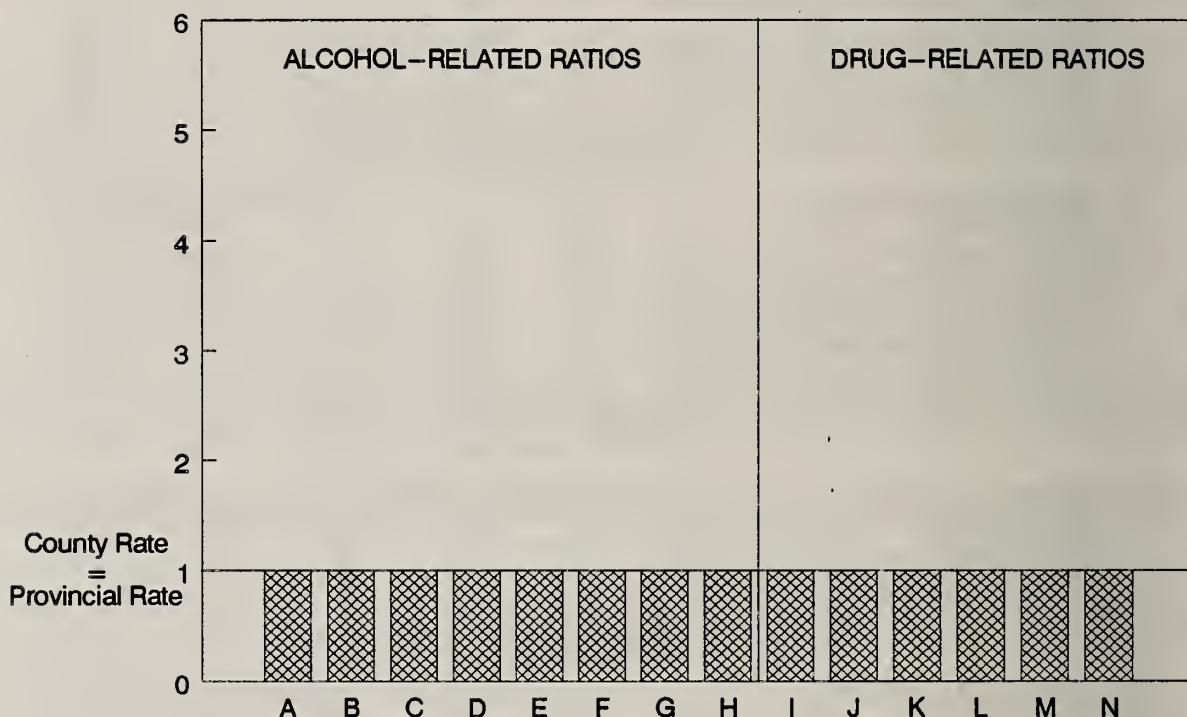
	1984	1985	1986	1987	1988
Accidental Poisoning	1.3	1.1	1.0	1.1	1.3
Suicide	2.6	1.9	2.3	2.1	2.0
Undetermined	0.2	0.3	0.3	0.3	0.3
County	4.1	3.4	3.5	3.6	3.6
Province	4.1	3.4	3.5	3.6	3.6

ONTARIO – PROVINCIAL TOTAL

ESTIMATED COUNTY POPULATION BY AGE

AGE GROUP	1983	1984	1985	1986	1987	1988	1989
(in thousands)							
0– 9	1211.3	1222.4	1231.3	1241.7	1264.7	1293.7	1321.9
10–14	663.9	654.5	645.8	631.2	626.5	626.7	631.4
15–19	746.8	715.2	694.3	690.3	688.4	689.0	683.1
20–29	1581.7	1611.8	1631.3	1638.3	1645.9	1647.3	1641.0
30–39	1373.5	1412.8	1457.3	1495.3	1520.8	1559.4	1601.3
40–49	991.9	1018.2	1042.0	1074.7	1136.4	1194.2	1247.3
50–59	922.9	921.0	918.9	918.5	919.9	922.7	930.8
60–64	396.6	417.3	425.2	430.0	432.2	436.3	436.0
65–74	554.8	562.9	582.0	602.7	625.0	643.9	663.9
75+	353.3	366.3	378.6	390.6	404.4	418.9	434.8
Total Population	8797.8	8901.4	9006.2	9112.7	9264.8	9430.8	9591.5
Aged 15 and Over	6922.6	7024.5	7129.1	7239.8	7373.6	7510.4	7638.2
Aged 20 and Over	6175.8	6309.3	6434.8	6549.5	6685.2	6821.4	6955.1

RATIO COUNTY RATE TO PROVINCIAL RATE – LATEST YEAR OF DATA



ALCOHOL RATIOS:

- A. Alcohol Consumption Litres per Person 15+
- B. Legal Offences – Alcohol
- C. Alcohol–Involved Drivers
- D. General Primary Separations – Alcohol
- E. General Secondary Separations – Alcohol
- F. Mental Primary Separations – Alcohol
- G. Mental Secondary Separations – Alcohol
- H. Alcohol–Related Deaths

DRUG RATIOS:

- I. Legal Offences – Drugs
- J. General Primary Separations – Drugs
- K. General Secondary Separations – Drugs
- L. Mental Primary Separations – Drugs
- M. Mental Secondary Separations – Drugs
- N. Drug–Related Deaths

Part II

COUNTY DATA - County Rankings

County Rankings Overview

The following tables have been included to summarize the rates over the five-year period for a number of the variables. Readers should note that these rates are not different from the rates presented in the previous section, they have been included primarily to facilitate inter-county comparisons. In addition to the rates for the five years, a five-year average rate is also presented and was also calculated in the following manner:

$$5\text{-year rate} = \frac{\sum_{t=1}^5 (\text{Occurrences}_t)}{\sum_{t=1}^5 (\text{Population}_t)}$$

The result of this calculation was then ranked from the highest rate over the five-year period to the lowest rate. These rankings are listed in the final column on each table.

TABLE II-1

ESTIMATED ALCOHOL CONSUMPTION AND RISK CATEGORIES, ONTARIO BY COUNTY, 1988-89

County	Estimated Number of Adults Aged 15+ by Risk Categories			Pop. Aged 15+	Litres Per Person Aged 15+	Rank
	Low	Moderate	High			
Algoma	60,528	16,663	7,504	102,840	10.4	17
Brant	53,339	11,670	5,142	85,180	9.1	26
Bruce	23,940	9,178	4,346	45,490	12.5	6
Cochrane	40,140	12,942	5,951	71,680	11.3	13
Dufferin	14,638	4,843	2,236	26,370	11.5	11
Dundas, Glengarry, Stormont	53,397	10,497	4,585	83,150	8.5	29
Durham (R.M.)	177,214	41,169	18,218	287,290	9.4	22
Elgin	37,633	6,058	2,626	56,240	7.5	31
Essex	165,080	34,511	15,161	260,760	8.8	28
Frontenac	55,620	17,032	7,777	97,660	11.0	14
Grey	36,753	8,922	3,961	60,270	9.6	20
Haldimand-Norfolk (R.M.)	44,641	9,920	4,373	71,560	9.1	26
Haliburton	3,653	2,946	1,702	10,080	18.3	2
Halton (R.M.)	142,346	32,106	14,175	229,040	9.2	24
Hamilton-Wentworth (R.M.)	213,603	5,108	22,657	348,900	9.5	21
Hastings	50,779	16,373	7,528	90,680	11.4	12
Huron	27,768	5,715	2,507	43,700	8.8	28
Kenora	21,726	10,484	5,213	45,440	14.2	4
Kent	53,287	11,841	5,220	85,420	9.2	25
Lambton	60,145	14,383	6,380	98,240	9.6	20
Lanark	24,300	6,780	3,057	41,450	10.4	17
Leeds and Grenville	43,590	10,424	4,624	71,200	9.5	21
Lennox and Addington	18,150	3,794	1,667	28,670	8.8	28
Manitoulin	3,757	1,915	965	8,060	14.6	3
Middlesex	170,606	40,798	18,096	278,670	9.6	20
Muskoka	12,367	10,164	5,915	34,540	18.4	1
Niagara (R.M.)	188,052	43,686	19,332	304,860	9.4	22
Nipissing	34,942	11,412	5,259	62,670	11.5	11
Northumberland	34,460	8,129	3,596	56,080	9.5	21
Ottawa-Carleton (R.M.)	332,449	70,633	30,993	527,070	8.9	27
Oxford	44,383	7,518	3,269	66,990	7.7	30
Parry Sound	13,704	6,325	3,113	28,100	13.8	5
Peel	316,430	72,341	31,962	510,310	9.3	23
Perth	32,869	6,983	3,064	52,110	8.9	27
Peterborough	47,307	16,222	7,536	86,290	11.7	9
Prescott and Russell	33,001	4,855	2,094	48,520	7.0	33
Prince Edward	12,499	1,808	782	18,320	7.0	33
Rainy River	10,448	2,995	1,356	17,970	10.6	16
Renfrew	40,784	12,329	5,614	71,310	10.9	15
Simcoe	104,611	39,630	18,725	197,880	12.4	7
Sudbury (R.M.)	10,225	3,873	1,830	19,340	12.5	6
Sudbury (T.D.)	66,553	22,019	10,165	119,890	11.5	11
Thunder Bay	69,068	23,141	10,703	124,960	11.6	10
Timiskaming	18,630	4,919	2,204	31,270	10.1	18
Toronto (Metropolitan)	1,168,360	263,525	116,350	1,879,930	9.2	25
Victoria	24,302	8,453	3,934	44,550	11.8	8
Waterloo	166,842	41,077	18,264	274,640	9.7	19
Wellington	71,366	15,858	6,991	114,400	9.2	25
York	217,635	34,420	14,910	324,160	7.4	32
ONTARIO	4,680,000	1,119,000	496,000	7,644,200	9.6	

TABLE II-2

LIQUOR ACT OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

County	1985	1986	1987	1988	1989	5-Year	Rank
Algoma	1,530.6	1,500.0	1,787.5	1,385.7	1,598.0	1,560.0	31
Brant	755.2	883.2	898.1	722.5	719.4	794.9	45
Bruce	3,266.9	3,459.6	3,687.8	3,484.5	3,650.2	3,510.5	4
Cochrane	2,228.5	2,087.4	2,367.6	2,512.7	2,451.6	2,329.1	13
Dufferin	2,003.1	1,941.7	1,849.6	2,312.7	2,184.3	2,064.3	15
Dundas, Glengarry, Stormont	1,003.9	901.8	865.6	813.4	837.8	883.7	41
Durham (R.M.)	1,733.0	1,720.7	536.9	486.8	504.7	961.0	40
Elgin	1,915.8	2,301.6	1,959.5	1,790.6	1,821.5	1,955.2	19
Essex	1,126.1	1,396.3	1,285.0	1,177.6	1,130.0	1,222.7	35
Frontenac	1,367.4	1,714.4	1,793.3	2,110.9	1,742.3	1,747.9	21
Grey	1,733.3	1,614.5	1,659.2	1,979.5	1,403.5	1,676.8	24
Haldimand--Norfolk (R.M.)	2,908.7	2,978.9	2,958.5	2,708.2	2,747.4	2,857.9	8
Haliburton	1,533.9	1,675.0	1,106.6	1,406.3	1,902.3	1,529.8	33
Halton (R.M.)	1,100.0	1,190.1	1,210.8	1,176.6	1,195.7	1,175.6	37
Hamilton--Wentworth (R.M.)	914.0	863.2	1,163.8	1,099.5	923.9	993.5	39
Hastings	1,604.0	1,635.9	1,541.7	1,680.6	1,587.6	1,610.0	28
Huron	2,632.8	2,757.1	2,927.3	3,441.3	3,248.7	3,004.2	7
Kenora	9,038.5	9,725.9	9,411.1	9,721.2	9,120.2	9,402.6	1
Kent	2,547.9	2,642.9	2,956.2	2,846.6	2,795.4	2,758.6	9
Lambton	3,484.1	3,586.9	4,472.6	4,190.1	4,273.6	4,003.5	3
Lanark	1,632.7	1,594.8	2,171.9	1,716.2	1,371.2	1,695.4	23
Leeds and Grenville	1,613.4	1,554.4	1,753.5	1,606.9	1,587.7	1,623.2	27
Lennox and Addington	1,935.5	1,868.8	2,291.1	2,022.6	2,055.4	2,035.5	16
Manitoulin	3,626.2	6,582.5	5,778.8	5,076.2	5,281.8	5,257.1	2
Middlesex	1,794.5	1,767.5	1,757.0	1,642.1	1,625.7	1,715.8	22
Muskoka	3,022.4	3,141.4	3,183.1	3,530.2	3,298.9	3,240.1	6
Niagara (R.M.)	634.9	725.2	729.5	1,130.2	1,020.9	850.4	44
Nipissing	1,529.0	1,694.1	1,536.5	1,550.7	1,448.6	1,550.8	32
Northumberland	1,532.8	1,713.4	1,628.1	1,581.3	1,541.1	1,598.6	30
Ottawa--Carleton (R.M.)	543.1	635.2	697.1	586.1	593.4	611.1	48
Oxford	1,756.2	1,792.7	1,615.7	1,471.5	1,491.1	1,623.3	26
Parry Sound	2,138.6	2,497.0	2,531.8	2,022.5	2,410.8	2,319.6	14
Peel	725.7	744.1	734.4	821.3	800.8	767.1	46
Perth	1,852.6	2,087.1	2,001.5	2,133.8	2,059.4	2,027.6	18
Peterborough	1,410.4	1,634.6	1,471.1	1,132.1	1,015.9	1,326.7	34
Prescott and Russell	534.5	621.5	705.1	701.1	677.2	649.7	47
Prince Edward	1,653.3	1,348.2	1,526.5	1,842.1	1,665.2	1,608.1	29
Rainy River	3,635.2	3,610.4	3,039.3	3,248.9	3,521.7	3,412.3	5
Renfrew	1,031.2	1,177.7	1,343.4	1,246.7	1,173.8	1,194.5	36
Simcoe	2,532.3	2,265.1	2,604.9	2,598.3	2,397.3	2,480.1	11
Sudbury (R.M.)	546.3	519.3	632.1	696.3	537.9	586.2	49
Sudbury (T.D.)	2,221.4	2,348.8	2,660.2	2,476.6	2,492.1	2,438.6	12
Thunder Bay	2,326.3	2,636.5	2,591.7	2,663.1	2,362.1	2,515.9	10
Timiskaming	1,122.0	1,203.5	1,922.7	2,514.9	2,394.5	1,829.3	20
Toronto (Metropolitan)	1,012.3	1,593.4	1,106.8	812.2	692.9	1,046.0	38
Victoria	2,107.0	1,815.6	1,850.9	2,281.7	2,092.7	2,033.9	17
Waterloo	966.5	878.8	945.3	862.4	688.4	865.1	42
Wellington	1,859.6	1,807.2	1,718.2	1,568.4	1,253.6	1,633.5	25
York	1,035.4	894.4	905.6	804.1	695.4	853.5	43
ONTARIO	1,337.4	1,507.8	1,395.1	1,311.0	1,224.2	1,353.6	

TABLE II-3

DRINKING AND DRIVING OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

County	1985	1986	1987	1988	1989	5-Year	Rank
Algoma	621.8	553.0	562.7	526.8	647.1	582.6	19
Brant	400.8	435.0	424.5	405.7	415.5	416.3	41
Bruce	614.5	693.6	499.2	594.1	739.3	628.9	13
Cochrane	785.0	633.7	641.9	620.3	610.5	658.7	12
Dufferin	686.3	521.5	472.0	585.9	528.5	557.6	24
Dundas, Glengarry, Stormont	477.1	470.4	394.4	461.2	516.3	464.1	35
Durham (R.M.)	482.4	500.9	464.3	483.5	524.8	491.9	31
Elgin	797.4	800.9	589.4	486.2	441.6	619.9	14
Essex	446.2	537.3	443.6	384.7	397.6	441.5	38
Frontenac	507.0	537.3	480.6	478.4	408.5	481.6	33
Grey	544.0	495.3	485.5	513.5	457.4	498.7	30
Haldimand-Norfolk (R.M.)	688.2	690.3	641.5	681.6	751.6	691.2	11
Haliburton	627.1	758.3	409.8	453.1	578.9	563.6	23
Halton (R.M.)	462.2	451.7	429.5	385.0	373.9	418.9	40
Hamilton-Wentworth (R.M.)	386.8	313.9	384.6	325.0	310.7	344.0	45
Hastings	554.5	535.2	462.9	512.5	514.4	515.7	28
Huron	410.0	412.5	436.2	464.1	372.2	418.9	40
Kenora	949.8	1,054.1	944.6	901.5	903.2	950.4	2
Kent	864.7	692.6	726.0	756.9	686.2	745.0	9
Lambton	500.0	526.3	489.3	402.2	421.7	467.5	34
Lanark	591.8	518.1	551.4	656.4	632.6	591.0	18
Leeds and Grenville	705.3	562.6	607.5	508.7	594.5	595.1	15
Lennox and Addington	636.4	635.6	550.4	581.9	562.3	592.8	16
Manitoulin	1,579.4	1,572.8	1,509.6	1,400.0	1,509.1	1,514.2	1
Middlesex	515.6	565.7	533.8	487.2	530.1	526.3	27
Muskoka	940.3	761.8	713.3	714.0	683.1	759.9	7
Niagara (R.M.)	402.7	318.6	322.2	353.4	328.1	344.8	44
Nipissing	610.8	538.6	508.8	648.5	584.0	578.5	20
Northumberland	553.7	579.0	490.6	554.5	582.2	552.2	25
Ottawa-Carleton (R.M.)	322.7	317.3	306.3	303.4	260.6	301.7	47
Oxford	629.5	678.0	601.9	492.0	493.3	577.7	22
Parry Sound	811.2	872.8	838.2	744.4	745.9	801.0	5
Peel	479.9	371.3	339.0	310.2	329.9	363.3	43
Perth	440.6	725.2	598.2	575.0	617.4	591.5	17
Peterborough	791.0	751.7	686.6	777.8	776.5	756.9	8
Prescott and Russell	461.9	487.8	484.7	555.0	575.9	514.8	29
Prince Edward	724.4	593.8	469.0	552.6	552.2	578.1	21
Rainy River	978.5	809.5	786.0	685.6	613.0	775.2	6
Renfrew	496.1	503.9	431.8	423.3	389.4	448.7	37
Simcoe	940.1	986.6	947.9	972.7	841.7	935.8	3
Sudbury (R.M.)	397.3	280.0	287.9	372.3	331.2	333.9	46
Sudbury (T.D.)	904.6	914.7	1,023.4	765.6	881.9	898.1	4
Thunder Bay	736.8	712.9	742.9	710.8	690.0	718.6	10
Timiskaming	553.7	488.8	506.2	611.4	471.5	526.5	26
Toronto (Metropolitan)	246.3	287.2	250.1	225.7	241.9	250.3	48
Victoria	587.5	534.2	358.2	493.9	447.0	481.8	32
Waterloo	518.3	468.0	410.8	441.1	416.4	449.7	36
Wellington	510.2	341.2	353.8	487.1	373.5	412.7	42
York	518.0	449.6	401.1	391.1	378.3	421.8	39
ONTARIO	461.9	449.6	419.0	413.2	411.6	430.6	

TABLE II-4

DRIVERS INVOLVED IN ALCOHOL-RELATED TRAFFIC CRASHES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

County	1985	1986	1987	1988	1989	5-Year	Rank
Algoma	307.2	229.2	202.5	250.0	214.2	240.9	24
Brant	293.0	250.5	256.7	228.9	228.4	251.2	15
Bruce	355.8	225.6	237.1	211.1	222.6	250.3	18
Cochrane	202.5	165.3	191.7	192.0	158.9	182.1	43
Dufferin	316.8	389.6	274.3	290.1	257.5	303.9	5
Dundas, Glengarry, Stormont	293.1	263.4	254.3	199.8	198.5	241.2	23
Durham (R.M.)	273.0	233.9	244.6	236.9	200.4	236.3	27
Elgin	231.1	210.5	198.3	188.7	173.2	199.9	39
Essex	304.5	282.2	266.5	235.5	211.9	259.8	12
Frontenac	237.3	239.6	203.3	182.9	169.0	205.9	35
Grey	273.3	251.7	261.8	215.7	199.2	239.7	26
Haldimand-Norfolk (R.M.)	329.6	255.3	301.6	247.1	276.6	281.7	6
Haliburton	542.4	483.3	500.0	593.8	398.5	502.4	1
Halton (R.M.)	222.8	178.0	187.3	175.5	161.5	184.3	42
Hamilton-Wentworth (R.M.)	187.2	170.8	167.1	160.5	150.1	167.0	44
Hastings	308.9	231.5	240.9	232.2	241.5	250.8	17
Huron	356.5	262.5	225.2	218.9	149.6	242.0	22
Kenora	287.6	257.2	281.9	210.4	183.6	244.0	21
Kent	281.0	206.2	249.8	206.1	188.1	226.0	29
Lambton	311.3	260.0	259.3	203.5	193.0	245.1	20
Lanark	295.9	272.2	270.8	210.4	197.0	248.2	19
Leeds and Grenville	331.7	264.8	238.3	228.9	218.7	255.9	13
Lennox and Addington	258.1	227.4	268.0	242.9	207.8	240.5	25
Manitoulin	700.9	398.1	461.5	419.0	400.0	476.4	2
Middlesex	244.0	192.6	183.9	196.1	198.4	202.7	38
Muskoka	408.0	384.6	421.7	325.6	321.3	370.9	3
Niagara (R.M.)	278.5	269.1	282.8	232.4	247.5	261.9	10
Nipissing	230.5	179.5	216.6	159.7	180.2	193.1	40
Northumberland	334.3	248.2	283.6	288.5	249.3	280.3	7
Ottawa-Carleton (R.M.)	179.6	145.1	150.2	137.8	118.9	145.9	49
Oxford	199.3	188.5	206.0	205.5	157.4	191.1	41
Parry Sound	415.9	360.9	387.3	297.8	289.2	348.8	4
Peel	185.8	157.8	166.4	158.4	163.3	166.0	45
Perth	206.0	165.2	157.7	148.5	123.2	159.8	46
Peterborough	278.0	219.8	237.9	231.3	210.2	235.0	28
Prescott and Russell	281.4	224.0	196.6	188.8	178.8	212.7	34
Prince Edward	342.2	236.6	247.8	223.7	208.7	251.5	14
Rainy River	321.9	251.1	318.8	187.8	173.9	250.9	16
Renfrew	291.0	216.0	212.5	171.1	184.8	215.0	32
Simcoe	308.4	268.5	271.2	228.2	233.2	260.5	11
Sudbury (R.M.)	236.0	184.5	203.8	208.7	191.5	204.9	37
Sudbury (T.D.)	236.0	184.5	203.8	208.7	191.5	205.1	36
Thunder Bay	355.2	272.3	287.2	226.8	231.9	274.5	9
Timiskaming	312.2	213.4	212.0	203.0	141.4	216.7	30
Toronto (Metropolitan)	166.2	139.8	154.6	155.4	161.3	155.4	48
Victoria	311.3	254.8	296.4	260.9	256.6	275.2	8
Waterloo	251.7	210.1	215.6	215.5	185.9	215.1	31
Wellington	240.5	210.8	221.7	201.9	193.7	213.2	33
York	166.2	139.8	154.6	155.4	161.3	155.6	47
ONTARIO	231.6	194.5	202.2	188.9	182.3	199.6	

TABLE II-5

SEPARATIONS FROM GENERAL HOSPITALS FOR ALCOHOL-RELATED PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	252.6	252.6	279.4	296.8	257.9	267.7	6
Brant	157.8	196.8	207.6	187.7	183.5	186.7	13
Bruce	283.4	304.7	268.8	230.8	184.4	253.6	7
Cochrane	394.6	480.0	430.1	361.8	320.0	397.3	4
Dufferin	192.5	150.3	132.7	152.1	124.7	149.6	24
Dundas, Glengarry, Stormont	182.1	168.1	148.8	161.0	150.0	161.9	21
Durham (R.M.)	105.3	122.3	119.5	106.5	87.3	107.6	37
Elgin	138.4	147.9	129.9	112.9	98.0	125.0	32
Essex	106.1	99.2	102.8	85.0	94.4	97.5	43
Frontenac	151.0	148.4	142.1	116.0	108.5	132.9	30
Grey	220.0	210.2	200.0	240.1	198.0	213.6	10
Haldimand-Norfolk (R.M.)	141.4	134.3	161.7	148.0	113.8	139.7	28
Haliburton	279.7	241.7	270.5	226.6	157.9	233.5	9
Halton (R.M.)	116.1	102.4	107.0	111.1	92.7	105.6	39
Hamilton-Wentworth (R.M.)	131.6	131.3	130.3	103.9	62.1	111.5	34
Hastings	165.9	164.7	186.6	158.4	170.9	169.3	18
Huron	149.7	200.0	166.7	187.4	158.3	172.4	17
Kenora	488.3	494.1	550.3	350.6	352.3	446.9	3
Kent	164.5	183.7	186.4	161.7	183.5	176.0	16
Lambton	166.4	171.5	165.5	167.2	169.8	168.1	19
Lanark	175.5	195.6	185.8	198.8	166.7	184.4	14
Leeds and Grenville	116.9	112.3	102.8	112.1	85.4	105.8	38
Lennox and Addington	123.2	137.0	112.4	93.2	99.7	112.8	33
Manitoulin	392.5	485.4	586.5	657.1	509.1	525.5	1
Middlesex	101.4	97.5	110.6	116.6	97.6	104.7	40
Muskoka	186.6	153.8	130.1	132.6	155.1	151.3	23
Niagara (R.M.)	133.3	128.9	128.3	139.0	123.4	130.5	31
Nipissing	191.4	165.6	191.4	177.0	164.4	177.9	15
Northumberland	122.4	186.1	131.7	172.6	150.7	152.8	22
Ottawa-Carleton (R.M.)	118.6	116.9	114.9	96.5	67.8	102.5	42
Oxford	150.1	167.4	187.5	162.1	154.0	164.2	20
Parry Sound	203.5	221.9	254.3	143.3	194.6	203.0	11
Peel	88.6	98.1	91.6	83.5	79.6	88.0	45
Perth	198.5	141.1	172.6	101.5	120.3	146.5	25
Peterborough	163.0	151.3	119.4	127.5	111.3	134.0	29
Prescott and Russell	58.4	52.1	71.2	88.7	71.2	68.6	47
Prince Edward	88.9	93.7	88.5	118.4	126.1	103.3	41
Rainy River	536.5	722.9	585.2	432.3	304.3	516.5	2
Renfrew	208.5	235.1	220.4	184.4	149.6	199.4	12
Simcoe	140.2	152.7	129.9	112.0	121.0	130.5	31
Sudbury (R.M.)	112.8	131.8	135.7	187.5	145.7	142.7	27
Sudbury (T.D.)	236.6	341.1	269.5	351.6	236.2	286.9	5
Thunder Bay	163.4	310.9	244.2	229.3	220.5	233.7	8
Timiskaming	295.1	327.5	289.3	203.0	223.3	267.7	6
Toronto (Metropolitan)	108.3	109.7	119.1	108.3	110.2	111.1	35
Victoria	91.4	70.3	107.3	104.3	77.8	90.3	44
Waterloo	96.4	115.4	133.7	112.4	82.8	107.9	36
Wellington	168.9	158.4	164.3	162.6	74.4	144.7	26
York	68.0	78.2	74.2	73.0	61.7	70.7	46
ONTARIO	136.9	143.3	144.1	133.9	118.1	135.1	

TABLE II-6

**SEPARATIONS FROM GENERAL HOSPITALS FOR ALCOHOL-
RELATED SECONDARY DIAGNOSES, RATES PER 100,000
POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90**

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	230.9	233.7	247.1	271.5	287.3	254.1	13
Brant	226.8	232.6	227.1	264.7	259.9	242.5	15
Bruce	250.4	271.0	278.8	229.1	265.5	258.9	12
Cochrane	356.2	372.6	365.5	285.9	320.0	340.1	5
Dufferin	173.9	171.8	162.2	152.1	165.3	164.8	37
Dundas, Glengarry, Stormont	180.1	202.1	233.2	259.5	183.6	211.8	22
Durham (R.M.)	124.3	146.5	133.9	132.7	113.1	129.6	45
Elgin	174.0	211.9	187.2	124.0	123.5	163.5	38
Essex	194.9	200.1	195.0	188.8	197.1	195.2	25
Frontenac	412.7	362.8	387.6	306.5	302.4	353.7	4
Grey	172.0	153.9	209.2	209.2	235.6	196.7	24
Haldimand-Norfolk (R.M.)	154.8	137.6	126.8	167.2	149.3	147.3	44
Haliburton	305.1	216.7	295.1	289.1	278.2	277.0	9
Halton (R.M.)	121.0	123.8	140.2	123.8	130.9	128.0	46
Hamilton-Wentworth (R.M.)	182.5	179.5	207.1	163.5	163.1	179.0	30
Hastings	273.1	246.1	255.4	205.5	233.7	242.5	15
Huron	233.5	210.7	187.9	196.1	196.5	204.9	23
Kenora	680.6	578.7	600.7	517.5	540.9	583.6	2
Kent	255.6	252.1	239.5	251.4	250.5	249.8	14
Lambton	167.2	180.2	131.3	142.0	169.8	158.1	41
Lanark	224.5	207.7	227.3	233.6	210.2	220.6	20
Leeds and Grenville	274.5	273.0	222.0	218.5	193.6	235.8	18
Lennox and Addington	202.3	279.9	210.4	175.1	235.5	220.5	21
Manitoulin	570.1	669.9	798.1	809.5	863.6	742.9	1
Middlesex	149.6	156.9	156.1	158.4	162.6	156.8	42
Muskoka	213.9	230.8	262.7	267.4	334.8	263.5	11
Niagara (R.M.)	180.6	190.8	182.9	182.4	178.9	183.1	28
Nipissing	230.5	189.6	181.4	168.3	188.6	191.6	26
Northumberland	277.6	262.9	276.4	308.3	257.5	276.5	10
Ottawa-Carleton (R.M.)	187.5	183.2	160.2	161.8	143.3	166.9	36
Oxford	161.8	144.0	140.0	171.2	154.0	154.3	43
Parry Sound	209.4	224.9	251.4	264.0	254.1	241.3	16
Peel	103.3	109.0	110.1	117.5	108.3	109.8	47
Perth	216.5	202.7	239.6	197.1	249.3	221.2	19
Peterborough	192.7	200.8	158.6	197.6	193.5	188.7	27
Prescott and Russell	146.9	140.6	155.9	193.8	161.4	160.2	40
Prince Edward	262.2	281.3	199.1	223.7	234.8	240.1	17
Rainy River	399.1	432.9	445.4	331.9	252.2	372.4	3
Renfrew	312.2	281.2	271.8	311.1	269.5	289.2	7
Simcoe	192.4	172.0	184.8	166.2	175.4	177.9	32
Sudbury (R.M.)	141.9	165.9	167.2	178.3	197.7	170.3	33
Sudbury (T.D.)	122.1	151.2	195.3	242.2	185.0	178.8	31
Thunder Bay	191.8	298.7	312.8	335.7	282.1	284.3	8
Timiskaming	339.0	344.9	324.2	302.0	290.3	320.1	6
Toronto (Metropolitan)	181.7	177.4	167.7	161.3	156.1	168.9	35
Victoria	175.1	173.0	156.4	184.3	160.6	169.7	34
Waterloo	180.1	178.3	145.8	153.7	147.2	160.5	39
Wellington	203.2	207.2	192.3	176.8	121.2	179.1	29
York	80.7	78.5	87.4	78.4	69.0	78.4	48
ONTARIO	190.1	190.2	186.4	177.9	173.8	183.5	

TABLE II-7

SEPARATIONS FROM MENTAL HOSPITALS FOR ALCOHOL-RELATED PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	8.2	12.9	7.7	11.5	9.8	10.0	23
Brant	3.8	3.8	8.3	3.7	6.3	5.2	24
Bruce	1.6	6.7	8.3	—	3.2	3.9	25
Cochrane	34.3	18.9	12.7	13.7	7.4	17.5	17
Dufferin	12.4	6.1	5.9	8.5	2.7	7.0	27
Dundas, Glengarry, Stormont	12.7	18.5	17.3	4.7	10.3	12.6	20
Durham (R.M.)	12.0	7.4	7.9	5.2	6.3	7.6	26
Elgin	82.7	78.2	62.8	62.0	60.4	69.1	5
Essex	10.2	8.8	6.3	5.9	7.1	7.7	25
Frontenac	29.7	28.6	30.1	38.1	34.0	32.2	10
Grey	2.7	5.4	3.9	6.4	5.0	4.7	11
Haldimand-Norfolk (R.M.)	29.0	17.8	21.9	10.6	15.7	18.9	16
Haliburton	8.5	8.3	—	15.6	7.5	8.1	24
Halton (R.M.)	0.4	0.4	0.7	1.0	0.7	0.6	25
Hamilton-Wentworth (R.M.)	5.2	7.6	7.9	6.5	3.9	6.2	30
Hastings	5.5	6.4	7.2	9.8	5.2	6.8	28
Huron	21.4	19.6	28.4	17.5	10.4	19.4	15
Kenora	110.4	132.0	70.5	90.2	78.5	96.2	2
Kent	15.0	16.9	20.5	11.1	16.5	16.0	18
Lambton	13.5	19.1	14.3	8.7	3.9	11.9	21
Lanark	8.2	18.1	31.6	21.2	20.8	20.1	14
Leeds and Grenville	99.0	74.5	115.7	84.4	54.7	85.5	3
Lennox and Addington	26.4	23.3	25.9	11.3	16.6	20.6	13
Manitoulin	—	—	9.6	—	9.1	3.8	14
Middlesex	51.9	47.7	48.8	40.9	35.8	44.9	8
Muskoka	49.8	42.2	38.6	37.2	38.2	41.1	9
Niagara (R.M.)	1.4	3.0	2.4	3.7	1.3	2.3	10
Nipissing	59.2	61.9	61.7	65.6	58.0	61.3	7
Northumberland	1.5	1.5	4.3	8.5	15.1	6.3	29
Ottawa-Carleton (R.M.)	1.8	0.8	0.7	0.6	1.1	1.0	30
Oxford	29.3	38.6	24.3	25.1	31.2	29.7	12
Parry Sound	32.4	29.6	43.4	25.3	29.7	32.0	11
Peel	0.9	1.4	—	0.8	0.7	0.7	12
Perth	30.1	13.5	7.4	17.6	2.9	14.2	19
Peterborough	6.7	1.9	6.5	4.6	8.0	5.6	20
Prescott and Russell	3.5	1.7	3.4	4.9	—	2.7	21
Prince Edward	8.9	—	—	4.4	8.7	4.4	22
Rainy River	90.1	21.6	83.0	65.5	56.5	63.4	6
Renfrew	4.5	3.4	8.9	8.9	5.5	6.2	30
Simcoe	76.5	76.3	77.5	65.0	56.3	69.9	4
Sudbury (R.M.)	1.9	3.3	0.7	2.0	1.9	2.0	5
Sudbury (T.D.)	3.8	7.8	23.4	19.5	3.9	11.7	22
Thunder Bay	138.4	125.9	148.7	131.2	120.7	132.9	1
Timiskaming	—	—	—	—	—	—	2
Toronto (Metropolitan)	4.4	4.2	3.2	2.7	2.9	3.5	3
Victoria	5.8	—	7.3	12.2	5.0	6.1	4
Waterloo	4.0	4.9	7.4	5.2	2.8	4.8	5
Wellington	5.1	2.9	4.9	1.4	3.3	3.5	39
York	1.2	1.1	1.0	0.7	0.7	0.9	40
ONTARIO	15.2	14.1	14.4	12.6	11.3	13.5	

TABLE II-8

SEPARATIONS FROM MENTAL HOSPITALS FOR ALCOHOL-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	3.0	4.5	4.6	3.8	2.3	3.6	31
Brant	0.9	1.9	1.9	2.7	2.7	2.0	36
Bruce	1.6	1.7	10.0	4.9	3.2	4.3	27
Cochrane	15.6	11.6	8.5	8.4	8.4	10.5	14
Dufferin	3.1	—	—	5.6	2.7	2.3	35
Dundas, Glengarry, Stormont	4.9	4.9	1.9	1.9	6.5	4.0	29
Durham (R.M.)	9.5	7.1	8.2	6.3	8.1	7.8	18
Elgin	30.0	38.4	36.3	33.1	49.7	37.6	2
Essex	4.8	3.8	3.1	4.7	4.3	4.1	28
Frontenac	26.2	15.6	19.8	22.9	32.3	23.4	5
Grey	—	—	1.3	1.3	—	0.5	41
Haldimand-Norfolk (R.M.)	12.2	13.3	14.2	5.3	13.6	11.7	12
Haliburton	8.5	—	16.4	7.8	—	6.4	20
Halton (R.M.)	0.8	0.4	0.4	—	1.0	0.5	41
Hamilton-Wentworth (R.M.)	2.9	5.7	6.3	7.2	3.2	5.0	25
Hastings	6.4	10.1	2.7	7.1	4.4	6.1	21
Huron	7.1	12.5	10.6	7.0	3.5	8.1	17
Kenora	23.4	18.6	10.1	5.0	6.7	12.7	10
Kent	2.8	9.4	9.3	13.9	10.1	9.1	16
Lambton	5.6	6.4	5.6	4.7	5.4	5.5	23
Lanark	12.2	6.0	5.9	7.7	3.8	7.1	19
Leeds and Grenville	44.2	30.7	38.6	41.6	30.8	37.1	3
Lennox and Addington	11.7	5.8	5.8	11.3	11.1	9.2	15
Manitoulin	—	9.7	9.6	9.5	—	5.7	22
Middlesex	9.4	15.9	16.3	13.9	14.5	14.0	8
Muskoka	17.4	12.4	16.9	2.3	11.2	11.9	11
Niagara (R.M.)	1.4	1.6	1.1	2.6	0.8	1.5	38
Nipissing	41.6	32.9	30.2	52.0	36.3	38.6	1
Northumberland	3.0	3.0	4.3	9.9	5.5	5.2	24
Ottawa-Carleton (R.M.)	1.2	0.5	1.3	1.0	0.6	0.9	40
Oxford	7.0	9.4	4.6	4.6	13.4	7.8	18
Parry Sound	32.4	26.6	14.5	25.3	10.8	21.7	6
Peel	0.2	0.3	0.2	0.3	0.7	0.4	42
Perth	3.0	3.0	7.4	4.4	5.8	4.7	26
Peterborough	7.7	1.9	3.7	2.7	3.5	3.9	30
Prescott and Russell	—	—	—	—	—	—	43
Prince Edward	4.4	8.9	13.3	13.2	17.4	11.5	13
Rainy River	25.8	21.6	8.7	17.5	26.1	20.0	7
Renfrew	4.5	5.6	1.1	2.2	1.1	2.9	33
Simcoe	14.4	15.9	11.7	12.7	12.4	13.4	9
Sudbury (R.M.)	2.6	2.0	0.7	2.0	1.3	1.7	37
Sudbury (T.D.)	—	7.8	3.9	3.9	—	3.1	32
Thunder Bay	21.2	37.9	21.8	27.4	22.2	26.1	4
Timiskaming	—	—	—	—	—	—	43
Toronto (Metropolitan)	4.8	4.4	4.9	3.9	3.6	4.3	27
Victoria	5.8	7.6	—	1.7	8.3	4.7	26
Waterloo	2.2	4.6	6.2	4.3	2.5	3.9	30
Wellington	2.2	3.6	4.2	2.7	1.3	2.8	34
York	1.2	0.9	2.9	1.2	0.2	1.2	39
ONTARIO	6.1	6.3	6.1	6.0	5.6	6.0	

TABLE II-9

ALCOHOL-RELATED DEATHS, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1984 TO 1988

County	1984	1985	1986	1987	1988	5-Year	Rank
Algoma	8.2	12.0	12.1	9.2	17.6	11.8	14
Brant	7.6	9.5	10.4	7.4	14.7	9.9	26
Bruce	13.0	9.9	13.5	15.0	9.8	12.2	13
Cochrane	6.2	9.3	10.5	7.4	8.4	8.4	34
Dufferin	6.2	15.5	3.1	8.8	14.1	9.6	27
Dundas, Glengarry, Stormont	12.7	6.8	10.7	8.6	13.3	10.4	22
Durham (R.M.)	7.8	9.5	8.6	7.9	8.0	8.3	35
Elgin	8.6	7.1	7.1	18.2	6.9	9.6	27
Essex	13.4	11.5	13.3	16.3	13.1	13.5	7
Frontenac	12.3	11.3	6.9	15.5	11.0	11.4	16
Grey	18.7	20.0	10.7	10.5	15.4	15.1	4
Haldimand-Norfolk (R.M.)	14.5	13.4	6.7	8.7	11.7	11.0	19
Haliburton	16.9	8.5	8.3	8.2	15.6	11.6	15
Halton (R.M.)	7.2	10.5	9.9	7.1	7.9	8.5	33
Hamilton-Wentworth (R.M.)	12.0	14.3	10.9	15.4	11.3	12.8	10
Hastings	13.8	11.9	15.6	11.8	8.9	12.4	11
Huron	5.4	10.7	12.5	5.3	10.5	8.9	31
Kenora	10.1	18.4	13.5	15.1	11.7	13.8	5
Kent	12.2	6.6	10.3	10.3	6.5	9.2	29
Lambton	11.1	11.9	15.2	7.2	11.8	11.4	16
Lanark	12.4	4.1	12.1	13.8	13.5	11.2	17
Leeds and Grenville	18.1	20.3	11.8	8.2	6.9	13.0	9
Lennox and Addington	-	8.8	5.8	5.8	2.8	4.6	39
Manitoulin	9.3	-	19.4	9.6	9.5	9.5	28
Middlesex	8.6	11.2	10.2	10.1	11.6	10.3	23
Muskoka	15.1	12.4	7.4	9.6	7.0	10.3	23
Niagara (R.M.)	10.3	18.1	13.8	10.4	13.8	13.3	8
Nipissing	16.3	18.9	20.2	16.4	16.1	17.6	3
Northumberland	13.5	10.4	8.9	7.2	5.7	9.1	30
Ottawa-Carleton (R.M.)	12.6	9.5	11.4	11.6	10.7	11.1	18
Oxford	9.3	15.2	11.7	4.6	4.6	9.1	30
Parry Sound	11.8	20.6	8.9	28.9	25.3	19.2	2
Peel	6.0	6.5	7.6	6.0	7.6	6.8	37
Perth	18.2	7.5	13.5	7.4	4.4	10.2	24
Peterborough	6.7	13.4	12.4	12.1	8.2	10.6	20
Prescott and Russell	12.6	5.3	8.7	8.5	8.2	8.6	32
Prince Edward	4.5	26.7	8.9	13.3	-	10.6	20
Rainy River	8.5	12.9	4.3	8.7	4.4	7.8	36
Renfrew	19.0	10.0	9.0	8.9	14.4	12.3	12
Simcoe	12.9	10.6	8.8	10.9	12.7	11.2	17
Sudbury (R.M.)	8.3	11.7	16.4	15.7	11.8	12.8	10
Sudbury (T.D.)	18.9	-	3.9	19.5	7.8	10.0	25
Thunder Bay	12.3	10.3	11.6	14.1	19.7	13.6	6
Timiskaming	19.5	24.4	24.8	32.4	14.9	23.2	1
Toronto (Metropolitan)	14.0	12.4	14.7	13.6	13.4	13.6	6
Victoria	4.0	13.6	7.6	16.4	10.4	10.5	21
Waterloo	9.8	8.7	9.7	7.1	7.5	8.5	33
Wellington	8.9	6.6	14.3	11.9	10.2	10.4	22
York	9.3	6.5	6.0	6.5	5.9	6.7	38
ONTARIO	11.4	11.3	11.6	11.2	11.1	11.3	

TABLE II-10

DRUG-RELATED OFFENCES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985 TO 1989

County	1985	1986	1987	1988	1989	5-Year	Rank
Algoma	281.5	322.0	187.9	390.2	530.2	342.7	2
Brant	114.6	97.9	95.2	76.2	180.4	113.2	47
Bruce	118.1	163.9	106.8	157.2	201.3	149.9	36
Cochrane	306.6	274.9	239.6	323.3	476.1	324.1	4
Dufferin	139.5	71.3	92.4	138.0	318.0	155.4	32
Dundas, Glengarry, Stormont	81.2	123.9	58.8	45.4	120.4	86.0	48
Durham (R.M.)	146.7	148.7	220.0	173.5	187.8	176.3	28
Elgin	195.1	221.1	287.5	186.5	196.0	217.1	19
Essex	153.0	99.3	137.0	106.7	197.9	138.9	43
Frontenac	108.5	110.7	198.7	150.1	168.6	147.6	39
Grey	177.8	213.3	162.0	185.2	244.8	197.0	24
Haldimand-Norfolk (R.M.)	182.0	133.0	271.3	184.9	244.4	203.7	21
Haliburton	73.7	81.3	83.0	309.3	164.8	145.1	41
Halton (R.M.)	179.9	127.1	153.6	117.4	134.1	141.8	42
Hamilton-Wentworth (R.M.)	300.8	220.1	263.7	357.6	269.7	282.5	11
Hastings	203.2	170.8	133.9	130.1	144.5	156.2	31
Huron	88.9	152.2	158.2	176.1	282.3	172.1	29
Kenora	259.5	200.8	306.2	305.6	414.1	297.5	8
Kent	222.3	333.5	382.4	397.7	270.6	321.4	6
Lambton	262.2	266.0	220.3	240.9	124.8	222.3	18
Lanark	92.0	123.0	191.8	126.4	205.4	148.6	38
Leeds and Grenville	92.1	83.5	63.5	61.9	300.2	121.2	46
Lennox and Addington	247.7	96.8	821.5	145.6	163.4	294.0	9
Manitoulin	81.2	363.7	360.0	189.3	181.5	233.3	17
Middlesex	122.9	143.3	152.0	170.6	154.4	148.9	37
Muskoka	198.5	157.1	130.7	148.5	185.5	164.1	30
Niagara (R.M.)	90.5	77.4	63.1	44.2	46.6	64.1	49
Nipissing	254.8	256.3	233.3	195.8	309.3	250.2	13
Northumberland	181.7	274.3	154.8	120.8	240.0	194.3	25
Ottawa-Carleton (R.M.)	216.6	182.1	168.9	157.4	173.0	179.3	26
Oxford	267.3	214.2	259.6	122.1	149.0	201.6	22
Parry Sound	179.8	484.9	310.2	257.7	277.7	301.1	7
Peel	189.2	260.2	250.1	238.7	235.4	235.2	16
Perth	172.5	201.6	202.1	217.8	204.0	199.7	23
Peterborough	138.8	95.8	149.9	179.5	168.3	147.1	40
Prescott and Russell	157.5	163.2	278.9	126.5	159.0	176.6	27
Prince Edward	377.4	174.3	294.6	143.4	199.2	237.5	15
Rainy River	221.6	218.8	247.1	278.5	359.7	265.0	12
Renfrew	144.4	126.2	124.1	262.3	111.6	153.8	33
Simcoe	214.3	222.4	386.8	295.0	473.7	323.2	5
Sudbury (R.M.)	247.5	276.0	366.5	127.4	186.3	240.4	14
Sudbury (T.D.)	373.3	276.0	251.1	191.8	323.9	283.6	10
Thunder Bay	284.3	307.3	328.3	239.1	526.4	337.3	3
Timiskaming	171.5	86.2	148.8	206.5	142.3	151.2	35
Toronto (Metropolitan)	326.1	322.0	403.3	397.4	539.5	397.0	1
Victoria	256.0	113.7	263.2	178.1	217.2	205.7	20
Waterloo	98.1	92.6	120.5	155.0	144.3	123.0	45
Wellington	78.7	130.4	151.2	170.7	103.1	127.2	44
York	237.1	134.4	132.9	130.1	139.8	151.5	34
ONTARIO	219.9	212.0	246.7	233.7	284.2	239.8	

TABLE II-11

**SEPARATIONS FROM GENERAL HOSPITALS FOR DRUG-RELATED
PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION,
ONTARIO BY COUNTY, 1985-86 TO 1989-90**

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	154.0	143.0	127.8	161.8	150.8	147.5	4
Brant	72.8	76.3	83.4	86.1	75.5	78.8	5
Bruce	108.7	111.1	76.8	73.6	74.7	88.8	6
Cochrane	158.9	141.1	169.5	199.4	150.5	163.8	3
Dufferin	130.4	113.5	112.1	118.3	108.4	116.3	7
Dundas, Glengarry, Stormont	106.1	107.9	118.0	127.8	85.7	109.0	10
Durham (R.M.)	40.5	54.9	67.7	67.3	53.7	57.1	11
Elgin	109.8	92.5	113.1	117.1	87.2	103.9	12
Essex	86.6	83.8	84.0	94.1	92.2	88.2	13
Frontenac	103.8	77.3	101.6	91.4	77.1	90.1	14
Grey	97.3	95.0	84.2	64.2	71.4	82.2	15
Haldimand-Norfolk (R.M.)	73.5	56.6	64.5	73.5	91.9	72.2	16
Haliburton	50.8	75.0	82.0	46.9	30.1	56.4	17
Halton (R.M.)	56.7	60.8	60.3	56.2	63.8	59.6	18
Hamilton-Wentworth (R.M.)	48.9	52.4	60.0	59.9	54.1	55.1	19
Hastings	108.2	87.8	97.8	72.1	77.6	88.5	20
Huron	48.1	64.3	65.6	52.5	59.1	57.9	21
Kenora	202.3	252.1	273.5	277.1	287.1	258.5	1
Kent	83.6	92.8	100.7	93.3	69.7	88.0	2
Lambton	66.9	71.0	81.1	83.6	79.8	76.5	3
Lanark	91.8	108.9	132.4	115.8	89.0	107.6	11
Leeds and Grenville	60.9	82.7	90.0	75.1	84.3	78.7	12
Lennox and Addington	76.2	64.1	106.6	67.8	72.0	77.3	13
Manitoulin	140.2	203.9	240.4	200.0	218.2	200.4	2
Middlesex	58.0	63.3	81.3	76.0	61.3	68.0	3
Muskoka	79.6	72.0	110.8	114.0	92.1	94.0	4
Niagara (R.M.)	86.0	92.4	99.4	116.2	107.7	100.5	5
Nipissing	74.3	117.6	138.5	107.7	116.1	110.9	9
Northumberland	79.1	88.6	105.6	84.9	78.1	87.2	10
Ottawa-Carleton (R.M.)	68.4	61.3	65.7	67.7	54.5	63.5	11
Oxford	80.9	82.0	68.3	92.5	72.5	79.2	12
Parry Sound	64.9	94.7	86.7	78.7	89.2	82.9	13
Peel	70.6	73.1	78.6	72.1	74.1	73.7	14
Perth	55.6	79.6	67.0	98.5	79.7	76.2	15
Peterborough	66.2	53.3	49.4	77.4	62.7	61.9	16
Prescott and Russell	70.8	64.2	108.5	93.6	64.9	80.4	17
Prince Edward	84.4	44.6	61.9	74.6	43.5	61.8	18
Rainy River	128.8	129.9	135.4	117.9	82.6	118.9	6
Renfrew	109.3	101.2	114.1	103.3	96.8	104.9	13
Simcoe	97.3	84.3	92.0	71.2	80.8	84.8	14
Sudbury (R.M.)	123.8	141.6	133.8	147.0	103.3	129.8	5
Sudbury (T.D.)	76.3	89.1	97.7	66.4	82.7	82.4	6
Thunder Bay	62.4	112.4	116.0	124.2	109.3	104.9	13
Timiskaming	65.9	89.3	114.7	143.6	156.3	113.8	8
Toronto (Metropolitan)	63.4	62.7	76.6	79.2	96.8	75.6	9
Victoria	38.9	36.1	52.7	53.9	61.3	49.1	10
Waterloo	91.1	88.4	87.8	105.7	75.5	89.6	11
Wellington	116.2	102.5	111.9	103.7	97.5	106.2	12
York	49.1	47.6	59.2	62.4	55.1	55.2	13
ONTARIO	76.9	77.7	87.3	86.6	85.1	82.8	

TABLE II-12

SEPARATIONS FROM GENERAL HOSPITALS FOR DRUG-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	65.8	64.3	69.3	85.9	141.0	85.3	11
Brant	82.2	91.3	127.9	155.7	151.1	122.2	3
Bruce	52.7	45.5	48.4	60.6	47.7	51.0	34
Cochrane	97.6	72.6	103.8	128.7	104.2	101.4	7
Dufferin	59.0	49.1	26.5	31.0	24.4	37.4	44
Dundas, Glengarry, Stormont	64.3	76.8	77.7	109.8	60.6	77.9	17
Durham (R.M.)	61.7	48.7	44.8	49.6	42.5	49.1	35
Elgin	35.7	44.1	41.9	34.4	25.5	36.2	45
Essex	79.6	79.6	90.0	79.4	81.1	82.0	14
Frontenac	132.6	138.0	135.2	102.5	88.6	119.0	4
Grey	54.7	46.9	73.7	86.0	62.7	64.9	24
Haldimand-Norfolk (R.M.)	41.2	53.3	33.9	43.7	39.7	42.3	39
Haliburton	50.8	50.0	82.0	117.2	90.2	78.9	16
Halton (R.M.)	46.6	52.7	59.2	63.4	64.8	57.6	29
Hamilton-Wentworth (R.M.)	67.5	62.8	62.6	63.8	62.1	63.8	26
Hastings	83.4	61.3	100.5	108.5	96.8	90.3	10
Huron	33.9	71.4	72.7	40.3	73.0	58.3	28
Kenora	93.6	123.5	137.6	106.8	116.9	115.7	5
Kent	72.4	87.2	73.6	98.9	91.7	84.8	12
Lambton	39.0	37.5	34.2	52.1	74.4	47.6	37
Lanark	53.1	80.6	71.1	90.7	47.3	68.6	22
Leeds and Grenville	63.2	85.1	44.4	41.6	33.0	53.2	33
Lennox and Addington	149.6	93.3	83.6	96.0	66.5	97.4	8
Manitoulin	158.9	87.4	153.8	209.5	136.4	149.3	1
Middlesex	41.9	45.0	57.0	61.5	61.3	53.5	32
Muskoka	32.3	22.3	48.2	62.8	38.2	41.1	40
Niagara (R.M.)	47.3	58.9	62.7	77.0	62.3	61.7	27
Nipissing	45.3	45.5	50.4	21.0	36.3	39.6	41
Northumberland	97.0	60.6	105.6	106.1	115.1	97.3	9
Ottawa-Carleton (R.M.)	67.4	76.0	72.7	89.1	62.3	73.5	19
Oxford	64.5	60.9	75.2	99.3	87.1	77.6	18
Parry Sound	38.3	50.3	23.1	33.7	48.6	38.9	42
Peel	60.2	57.3	57.3	58.8	58.1	58.3	28
Perth	73.7	63.1	90.8	82.4	56.5	73.2	20
Peterborough	109.3	119.9	147.4	160.3	151.1	138.1	2
Prescott and Russell	92.0	116.3	116.9	121.5	87.0	106.7	6
Prince Edward	62.2	62.5	31.0	87.7	78.3	64.4	25
Rainy River	107.3	64.9	26.2	43.7	39.1	56.4	30
Renfrew	62.4	57.4	82.8	73.3	79.2	71.1	21
Simcoe	77.7	61.2	68.6	72.3	61.0	68.0	23
Sudbury (R.M.)	27.9	31.5	45.2	53.6	65.5	44.8	38
Sudbury (T.D.)	15.3	19.4	35.2	62.5	35.4	33.4	46
Thunder Bay	102.3	62.9	91.7	114.6	44.5	83.2	13
Timiskaming	70.7	57.1	92.3	113.9	67.0	80.2	15
Toronto (Metropolitan)	51.4	49.1	54.1	63.0	59.5	55.4	31
Victoria	52.5	72.2	72.7	78.3	77.8	71.1	21
Waterloo	27.6	23.1	27.5	34.5	44.9	31.8	47
Wellington	46.8	53.8	53.8	52.2	35.6	48.3	36
York	36.3	26.8	36.6	44.3	42.4	37.8	43
ONTARIO	60.7	59.5	64.8	71.0	64.8	64.2	

TABLE II-13

**SEPARATIONS FROM MENTAL HOSPITALS FOR DRUG-RELATED
PRIMARY DIAGNOSES, RATES PER 100,000 POPULATION,
ONTARIO BY COUNTY, 1985-86 TO 1989-90**

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	1.5	3.0	0.8	0.8	—	1.2	36
Brant	3.8	3.8	1.9	2.7	2.7	3.0	25
Bruce	—	—	5.0	1.6	—	1.3	35
Cochrane	17.7	9.5	1.1	5.3	3.2	7.4	11
Dufferin	6.2	3.1	—	—	—	1.8	31
Dundas, Glengarry, Stormont	—	2.9	10.6	0.9	6.5	4.2	21
Durham (R.M.)	8.2	4.6	3.2	3.6	2.6	4.3	20
Elgin	18.5	17.1	18.2	16.5	12.1	16.4	1
Essex	4.5	4.7	0.6	3.7	3.1	3.3	24
Frontenac	16.6	13.0	16.4	10.2	13.3	13.9	6
Grey	2.7	1.3	—	1.3	2.5	1.6	33
Haldimand-Norfolk (R.M.)	8.9	6.7	5.5	3.2	7.3	6.3	12
Haliburton	—	—	—	—	—	—	40
Halton (R.M.)	0.8	1.5	0.7	0.3	0.7	0.8	38
Hamilton-Wentworth (R.M.)	5.5	5.2	0.5	9.3	3.0	4.7	18
Hastings	5.5	3.7	4.5	5.3	2.6	4.3	20
Huron	—	1.8	—	7.0	3.5	2.5	28
Kenora	13.4	18.6	8.4	11.7	13.4	13.1	8
Kent	0.9	8.4	2.8	—	2.8	3.0	25
Lambton	0.8	3.2	4.0	0.8	4.7	2.7	26
Lanark	4.1	6.0	5.9	—	1.9	3.5	23
Leeds and Grenville	17.9	14.2	12.9	13.9	13.7	14.5	3
Lennox and Addington	—	—	8.6	—	11.1	4.0	22
Manitoulin	—	—	48.1	19.0	—	13.2	7
Middlesex	8.5	10.2	10.9	14.8	9.6	10.8	10
Muskoka	2.5	2.5	14.5	7.0	—	5.3	16
Niagara (R.M.)	1.1	1.6	2.1	2.9	0.8	1.7	32
Nipissing	11.3	19.0	—	17.3	24.2	14.4	4
Northumberland	3.0	—	4.3	4.2	1.4	2.6	27
Ottawa-Carleton (R.M.)	—	0.7	0.2	1.4	0.2	0.5	39
Oxford	9.4	5.9	5.8	5.7	3.3	6.0	14
Parry Sound	11.8	5.9	52.0	—	2.7	14.3	5
Peel	0.5	0.3	0.5	0.2	0.9	0.5	39
Perth	9.0	3.0	1.5	5.9	2.9	4.4	19
Peterborough	1.0	1.0	0.9	0.9	3.5	1.5	34
Prescott and Russell	—	—	30.5	—	—	6.1	13
Prince Edward	—	—	—	4.4	8.7	2.6	27
Rainy River	21.5	13.0	26.2	8.7	4.3	14.8	2
Renfrew	2.2	—	1.1	1.1	1.1	1.1	37
Simcoe	11.0	9.2	0.4	3.8	1.8	5.1	17
Sudbury (R.M.)	0.6	2.0	0.7	3.3	—	1.3	35
Sudbury (T.D.)	3.8	—	23.4	—	—	5.4	15
Thunder Bay	17.4	14.8	—	14.0	18.4	12.9	9
Timiskaming	—	—	—	—	—	—	40
Toronto (Metropolitan)	2.5	1.9	1.5	2.0	2.6	2.1	30
Victoria	—	5.7	3.6	—	1.7	2.2	29
Waterloo	1.5	0.9	0.6	1.1	3.3	1.5	34
Wellington	2.2	—	7.0	0.7	1.3	2.2	29
York	0.6	1.4	4.2	0.5	0.2	1.3	35
ONTARIO	4.0	3.6	3.1	3.5	3.2	3.5	

TABLE II-14

SEPARATIONS FROM MENTAL HOSPITALS FOR DRUG-RELATED SECONDARY DIAGNOSES, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1985-86 TO 1989-90

County	1985-86	1986-87	1987-88	1988-89	1989-90	5-Year	Rank
Algoma	3.0	11.3	7.7	9.2	3.0	6.8	22
Brant	3.8	9.4	4.6	1.8	6.3	5.2	28
Bruce	—	—	3.3	—	1.6	1.0	44
Cochrane	14.5	9.5	9.5	12.7	9.5	11.1	13
Dufferin	—	6.1	5.9	2.8	2.7	3.5	33
Dundas, Glengarry, Stormont	7.8	2.9	2.9	5.7	7.5	5.4	27
Durham (R.M.)	11.4	9.2	14.4	15.7	9.6	12.1	11
Elgin	44.2	31.3	55.9	51.0	44.3	45.4	2
Essex	4.5	7.9	8.2	7.5	9.0	7.4	20
Frontenac	19.2	12.2	27.6	21.2	26.5	21.4	7
Grey	1.3	—	3.9	5.1	3.8	2.9	35
Haldimand-Norfolk (R.M.)	4.5	11.1	9.8	8.5	8.4	8.5	16
Haliburton	—	—	—	7.8	—	1.6	41
Halton (R.M.)	1.5	0.7	—	1.4	1.7	1.1	43
Hamilton-Wentworth (R.M.)	2.1	3.3	4.0	7.4	5.9	4.6	29
Hastings	4.6	9.1	8.2	11.6	7.0	8.1	18
Huron	5.3	5.4	10.6	14.0	17.4	10.6	14
Kenora	26.8	40.6	23.5	33.4	28.4	30.5	4
Kent	9.4	12.2	8.4	3.7	10.1	8.7	15
Lambton	8.0	7.2	12.7	3.2	4.7	7.1	21
Lanark	6.1	4.0	13.8	3.9	11.4	7.9	19
Leeds and Grenville	17.9	23.6	14.0	33.5	29.6	23.8	6
Lennox and Addington	14.7	17.5	11.5	5.6	13.9	12.6	10
Manitoulin	—	—	9.6	9.5	—	3.8	32
Middlesex	27.3	22.8	32.5	37.1	34.6	31.0	3
Muskoka	7.5	7.4	4.8	7.0	6.7	6.7	23
Niagara (R.M.)	1.9	1.4	2.9	2.9	1.0	2.0	40
Nipissing	12.6	17.7	17.6	24.8	29.0	20.4	8
Northumberland	6.0	1.5	4.3	5.7	2.7	4.0	30
Ottawa-Carleton (R.M.)	1.7	2.0	0.8	1.0	0.6	1.2	42
Oxford	15.2	17.6	17.4	18.3	20.1	17.7	9
Parry Sound	8.8	17.8	23.1	—	10.8	12.0	12
Peel	0.9	1.0	0.7	0.8	0.7	0.8	45
Perth	15.0	4.5	4.5	16.2	1.4	8.3	17
Peterborough	1.0	3.8	4.7	4.6	5.3	3.9	31
Prescott and Russell	1.8	—	—	1.6	—	0.7	46
Prince Edward	—	—	8.8	4.4	—	2.6	36
Rainy River	25.8	34.6	34.9	13.1	21.7	26.0	5
Renfrew	2.2	1.1	5.6	1.1	2.2	2.5	37
Simcoe	7.6	6.3	5.2	7.3	1.8	5.6	26
Sudbury (R.M.)	2.6	2.6	1.3	2.6	1.9	2.2	39
Sudbury (T.D.)	—	3.9	3.9	—	3.9	2.3	38
Thunder Bay	41.2	36.0	60.3	66.9	64.2	53.7	1
Timiskaming	—	—	—	—	—	—	47
Toronto (Metropolitan)	4.8	7.6	6.8	6.1	6.0	6.2	24
Victoria	9.7	1.9	5.5	12.2	1.7	6.1	25
Waterloo	4.0	4.3	6.5	6.9	6.1	5.6	26
Wellington	2.2	1.4	3.5	2.7	6.6	3.3	34
York	0.3	0.6	1.3	1.4	2.2	1.2	42
ONTARIO	6.6	7.2	8.4	8.7	8.0	7.8	

TABLE II-15

DRUG-RELATED DEATHS, RATES PER 100,000 POPULATION, ONTARIO BY COUNTY, 1984 TO 1988

County	1984	1985	1986	1987	1988	5-Year	Rank
Algoma	4.4	2.2	2.3	1.5	3.8	2.9	19
Brant	1.9	0.9	2.8	4.6	2.7	2.6	22
Bruce	3.2	6.6	1.7	3.3	—	3.0	18
Cochrane	2.1	7.3	3.2	2.1	5.3	4.0	12
Dufferin	3.1	—	6.1	2.9	—	2.4	24
Dundas, Glengarry, Stormont	3.9	1.9	2.9	1.9	3.8	2.9	19
Durham (R.M.)	2.3	2.5	1.8	2.1	3.3	2.4	24
Elgin	1.4	5.7	2.8	1.4	2.8	2.8	20
Essex	3.8	1.6	3.2	3.1	4.4	3.2	17
Frontenac	7.0	7.0	4.3	2.6	1.7	4.5	8
Grey	2.7	1.3	4.0	6.6	3.9	3.7	13
Haldimand-Norfolk (R.M.)	5.6	2.2	4.4	4.4	1.1	3.5	14
Haliburton	—	—	8.3	—	—	1.7	29
Halton (R.M.)	1.5	3.8	1.8	1.8	1.0	2.0	27
Hamilton-Wentworth (R.M.)	3.6	2.9	5.4	3.5	5.1	4.1	11
Hastings	5.5	1.8	—	3.6	1.8	2.5	23
Huron	3.6	—	—	5.3	1.8	2.1	26
Kenora	3.4	5.0	5.1	8.4	1.7	4.7	6
Kent	1.9	3.8	5.6	3.7	8.3	4.7	7
Lambton	2.4	4.8	3.2	1.6	3.9	3.2	17
Lanark	6.2	2.0	6.0	2.0	3.9	4.0	12
Leeds and Grenville	1.2	2.4	1.2	1.2	3.5	1.9	28
Lennox and Addington	5.9	2.9	—	—	2.8	2.3	25
Manitoulin	—	18.7	—	9.6	—	5.7	1
Middlesex	3.1	4.2	1.8	3.0	4.1	3.2	17
Muskoka	—	2.5	—	2.4	—	1.0	32
Niagara (R.M.)	4.1	4.3	5.4	4.0	3.2	4.2	10
Nipissing	5.0	2.5	8.8	2.5	2.5	4.3	9
Northumberland	1.5	1.5	4.4	2.9	4.2	2.9	19
Ottawa-Carleton (R.M.)	3.9	4.3	3.0	5.0	6.1	4.5	8
Oxford	4.7	3.5	—	2.3	—	2.1	26
Parry Sound	—	—	3.0	2.9	—	1.2	31
Peel	4.0	2.3	2.4	2.8	2.5	2.8	20
Perth	4.5	—	3.0	1.5	4.4	2.7	21
Peterborough	4.8	—	5.7	7.5	3.6	4.3	9
Prescott and Russell	5.4	1.8	10.4	1.7	8.2	5.5	3
Prince Edward	—	—	—	—	—	—	33
Rainy River	—	—	4.3	4.4	—	1.7	29
Renfrew	7.8	3.3	—	5.6	—	3.4	15
Simcoe	6.0	1.7	2.5	2.8	3.5	3.3	16
Sudbury (R.M.)	3.2	2.6	9.2	7.2	5.9	5.6	2
Sudbury (T.D.)	3.8	3.8	3.9	11.7	3.9	5.4	4
Thunder Bay	7.1	4.5	4.5	3.8	2.5	4.5	8
Timiskaming	—	2.4	—	5.0	2.5	2.0	27
Toronto (Metropolitan)	5.4	4.8	4.7	4.6	4.6	4.8	5
Victoria	—	1.9	—	—	5.2	1.5	30
Waterloo	5.7	0.9	2.1	3.0	1.4	2.6	22
Wellington	2.2	3.7	0.7	1.4	3.4	2.3	25
York	2.3	2.2	2.0	1.3	2.1	2.0	27
ONTARIO	4.1	3.4	3.5	3.6	3.6	3.6	

Part II _____
COUNTY DATA - Sources and Notes

CONSUMPTION OF ABSOLUTE ALCOHOL

Sources:

Rush, B.R., Estimated Levels of Alcohol Consumption in Ontario Counties and Regional Municipalities, 1988/89 (Toronto: Addiction Research Foundation, 1992).

Ministry of Health, A Framework for the Response to Alcohol and Drug Problems in Ontario (Toronto: Ministry of Health, 1988).

VARIABLE DEFINITIONS:	
Litres(thousands) Litres Per Person Aged 15+	total consumption of absolute alcohol in thousands of litres and per person aged 15 and over
Estimated Low Risk Consumers	estimated number of persons, aged 15 and over, consuming 1 to 14 drinks per week and corresponding rate per 100,000 population aged 15 and over
Estimated Moderate Risk Consumers	estimated number of persons, aged 15 and over, consuming 15 to 35 drinks per week and corresponding rate per 100,000 population aged 15 and over
Estimated High Risk Consumers	estimated number of persons, aged 15 and over, consuming over 35 drinks per week and corresponding rate per 100,000 population aged 15 and over
Note that all rates are based on the population aged 15 and over.	

The definition of low, moderate and high risk consumers is in accordance with definitions established by the Ontario Ministry of Health.

Rates were calculated using the population aged 15 and over because using the total population would underestimate the true level of consumption. Similarly, while the legal drinking age in Ontario is 19, surveys indicate that person under this age do in fact use alcohol. Hence the population aged 15 and over is employed to estimate the per adult level of consumption.

In order to maintain consistency with the original source document the same county estimates of population aged 15 and over were employed (see TABLE II-1). These estimates were obtained from:

Ministry of Treasury and Economics Demographic Bulletin entitled Population Projections for regional Municipalities, Counties and Districts of Ontario to 2011. (Toronto: Ministry of Treasury and Economics, 1989).

Note that these population estimates are different than the population data included in this report.

Sources and Notes (Continued)

Explanatory Notes:

County estimates of absolute alcohol consumption are useful in that they can be used to determine the proportion of the adult population that is drinking at various levels of risk. The underlying assumption is that a higher per drinker consumption of absolute alcohol will lead to a higher proportion of heavy drinkers.

Calculation of county absolute alcohol consumption and subsequent estimates of risk categories are the result of four steps: (1) obtaining sales data of beer, wine, and spirits within each county/regional municipality; (2) converting sales data and aggregating into litres of absolute alcohol; (3) determining per adult and per drinker absolute alcohol consumption; and (4) using the per drinker rate of consumption and the Lederman formula to estimate the distribution of alcohol consumption in each county.

Sales data from the Liquor Control Board of Ontario (LCBO) was converted using product specific conversion factors supplied on the original computer tapes; beer was converted to absolute alcohol using a conversion factor of 4.825%, supplied by the Brewers Retail; and, wine sales by independent wine stores was converted using 10.7% (a figure derived from wine sold through the LCBO).

Based on surveys conducted in Ontario, it was calculated that 82.35% of the population, aged 15 and over, were current drinkers in 1988-89. (Although not presented, per drinker estimates of consumption can be calculated by dividing Litres Per Person Aged 15+ by 82.35%).

Readers should be aware of potential sources of error and bias in using sales figures to estimate alcohol consumption. For example, sales information do not include or reflect the impact of unrecorded home production of alcohol, consumption of non-beverage alcohol, consumption by non-residents and tourists, or imports for personal use.

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED LEGAL OFFENCES

Source:

Data for individual police departments in Ontario were obtained from the Canadian Centre for Justice Statistics, Statistics Canada.

VARIABLE DEFINITIONS:	
Liquor Act	offences under the Ontario Liquor Control Act and Ontario Liquor Licence Act.
Impaired Operation Causing Death	Criminal Code offences involving the operation of a motor vehicle. Not included are offences involving boats, vessels and aircraft.
Impaired Operation Causing Bodily Harm	
Impaired Operation Over 80mg%	
Fail/Refuse to Provide Breath/Blood Sample	
Marijuana	Narcotic Control Act (NCA) offences. The category Other Drugs involves NCA offences involving drugs other than marijuana, cocaine or heroin.
Heroin	
Cocaine	
Other Drugs	
Controlled Drugs	Food and Drugs Act offences involving drugs specified in Part III, Schedule G
Restricted Drugs	Food and Drugs Act offences involving drugs specified in Part IV, Schedule H
Note that all corresponding rates are based on the total population	

See also the Technical Notes for an overview of drinking and driving and drug-related offences and associated penalties.

Explanatory Notes:

Offences represent the basic element of the Uniform Crime Reporting system. When police investigate reported incidents they determine whether an actual offence has occurred and then determine the number of legal violations. If a single event involves several violations of the law then police, using a standard rule system, determine and record only the most serious offence (the exception to this rule is violent crimes where the number of offences is determined by the number of victims). This can mean that many less serious offences are actually under-counted.

Sources and Notes (Continued)

To determine the number of offences in each county annualized data for each police department in Ontario was obtained from Statistics Canada. In total there are approximately 300 police departments in Ontario representing three levels (municipal, provincial, and federal) of policing. For purposes of county estimates police departments were assigned to counties according to geographical location. While this may not pose problems with municipal police departments, where policing is confined to municipal boundaries, it may create problems for rural detachments of the Ontario Provincial Police and Royal Canadian Mounted Police where jurisdictions may in fact not be confined to the county of location.

In general caution should be used when interpreting criminal offence data. Regional differences and changes over time may reflect differences or changes in police enforcement practices.

While the data was double checked for accuracy, users should be aware that in some instances the provincial total is different from provincial data published by Statistics Canada. These differences are typically small (most are under 1%, the largest difference is 5%).

Special Note Concerning Drug Offences:

While RCMP detachments are not significantly involved in Liquor Act or alcohol-related traffic offences (100 Liquor Act offences and 157 alcohol-related traffic offences in 1989), they are involved with enforcement of Canada's drug laws. In 1989, 26% (see below) of all drug offences that occurred in Ontario were reported by RCMP detachments. Almost all drug-related offences reported by the RCMP were reported by the divisional headquarters located in Ottawa. However, most of these offences did not occur in Ottawa and a mechanism was established to distributed these offences across the province.

	1985	1986	1987	1988	1989
Total Drug Offences	19,803	19,322	22,854	22,041	27,259
RCMP Offences					
Regional HQ	5,604	4,827	6,439	4,586	6,337
Other RCMP	193	131	311	454	677
Total RCMP	5,797	4,958	6,750	5,040	7,014
RCMP as a % of Total	29%	26%	30%	23%	26%

To calculate the county distribution of drug related offences the following process was employed:

1. County estimates were calculated based on municipal, OPP and local RCMP detachments.
2. Using the distribution of offences as calculated in step 1, the remaining RCMP reported offences were distributed proportionately across counties. Example: If 10% of heroin offences occurred in county A then ten percent of offences reported by the RCMP divisional headquarters were assigned to that county.

Sources and Notes (Continued) _____

DRIVERS IN ALCOHOL-RELATED TRAFFIC CRASHES

Source:

Traffic Injury Research Foundation of Canada for Drinking/Driving Countermeasures Office, Ontario Ministry of the Attorney General, Drinking & Driving In Ontario - Statistical Yearbook, 1988-1989 (Toronto: Ministry of the Attorney General, March 1991).

This source was prepared by the Traffic Injury Research Foundation of Canada for Drinking/Driving Countermeasures Office, Ontario Ministry of the Attorney General.

VARIABLE DEFINITIONS:	
All 3 variables are counts of drivers that were involved in the accident. Included are drivers that in the opinion of the investigating officer had been drinking but did not have a blood alcohol concentration (BAC) over the legal limit and drivers that had a BAC over the legal limit or were judged by the investigating officer to have been impaired by alcohol.	
Resulting in Property Damage	Traffic accidents that resulted in damage to property but no reported injury to persons involved.
Resulting in Personal Injury	Traffic accidents that resulted in injury to one or more persons involved, but no person died of injuries sustained in the crash within thirty days.
Resulting in Fatalities	One or more persons involved in the accident died of the injuries sustained, within thirty days.
Note that all corresponding rates are based on the total population	

Explanatory Notes:

Data are derived from Motor Vehicle Accident Reports submitted to the Ontario Ministry of Transportation by investigating police departments. It should be noted that the county reported represents where the accident occurred, the driver involved *may* reside elsewhere in the province.

In the original source document data for Metropolitan Toronto was combined with York Region and Sudbury Regional Municipality was combined with Sudbury Territorial District. For purposes of this publication data for these regions was distributed proportionately by population size of the subcomponents (ie. in 1989, 82.4% of the total population of Metropolitan and York Region resided in Metropolitan Toronto, hence, 82.4% of traffic crashes were assumed to have occurred in Metropolitan Toronto). Data as published in the original source is presented in the next table.

Sources and Notes (Continued)

Original Region	Year	Property Damage	Personal Injury	Fatal
Sudbury District and Regional Municipality	1985	171	240	15
	1986	134	181	14
	1987	143	206	14
	1988	170	188	15
	1989	167	174	6
Metropolitan Toronto and York Region	1985	1,846	2,261	50
	1986	1,610	1,903	42
	1987	1,724	2,221	40
	1988	2,014	1,957	58
	1989	2,232	1,894	44

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED GENERAL HOSPITALS SEPARATIONS

Source:

Hospital Medical Records Institute, data tape of alcohol- and drug-related hospital separations.

VARIABLE DEFINITIONS:	
Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303
Nondependent Abuse of Alcohol	ICD-9 diagnostic code 305.0
Chronic Liver Disease and Cirrhosis	ICD-9 diagnostic code 571
Toxic Effects of Alcohol	ICD-9 diagnostic code 980
Drug Psychoses	ICD-9 diagnostic code 292
Drug Dependence	ICD-9 diagnostic code 304
Nondependent Abuse of Drugs	ICD-9 diagnostic code 305.1 through 305.9
Poisoning by Analgesics, Antipyretics and Antirheumatics	ICD-9 diagnostic code 965
Poisoning by Sedatives and Hypnotics	ICD-9 diagnostic code 967
Poisoning by Psychotropic Agents	ICD-9 diagnostic code 969
Note that all corresponding rates are based on the total population	

Explanatory Notes:

A separation is defined as the discharge or death of an inpatient. These separations are organized according to the county where the patients reside and not necessarily where they were treated. Residents who were treated outside the province would not be included in the county separation data.

The data on separations are counts of cases and not patients, as an individual is counted on each occasion that he or she stays in the hospitals. Only inpatient data on cases treated in general hospitals, including those treated in psychiatric units of general and allied special hospitals, are included. Excluded are cases treated as out-patients or as patients in mental hospitals.

Primary diagnosis refers to the most significant condition treated during hospitalization and only one primary diagnosis is recorded for each separation. **Secondary diagnosis**, on the other hand, describes other important or complicating conditions that were also treated. Patients may be treated for up to fifteen secondary diagnoses, but for purposes of this monograph only the first occurrence of an alcohol or

Sources and Notes (Continued)

drug-related secondary diagnoses is recorded, and only when that diagnosis is associated with a primary diagnosis other than an alcohol or drug-related condition. For example, a patient with a primary alcohol-related disorders and a secondary alcohol-related disorder would only be counted for the primary alcohol-related disorder. Similarly, a person with a primary alcohol diagnosis and a secondary drug diagnosis would be counted as an alcohol-related separation. Separations and not frequency of diagnoses have been calculated.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED MENTAL HOSPITALS SEPARATIONS

Source:

Psychiatric File User Support Branch, Ontario, Ministry of Health, July, 1991

VARIABLE DEFINITIONS:	
Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303
Nondependent Abuse of Alcohol	ICD-9 diagnostic code 305.0
Drug Psychoses	ICD-9 diagnostic code 292
Drug Dependence	ICD-9 diagnostic code 304
Nondependent Abuse of Drugs	ICD-9 diagnostic code 305.1 through 305.9
Note that all corresponding rates are based on the total population	

Explanatory Notes:

Data on separations are counts of cases and not patients, as an individual is counted on each occasion that he or she stays in the hospital. Only inpatient data on cases treated in one of the province's 10 psychiatric hospitals are included. Excluded are individual patient data from psychiatric units of general hospitals, residential treatment facilities including, and alcohol treatment agencies. These separations are organized according to county of patient residence and not necessarily where they were treated.

Primary diagnosis refers to the most significant cause of the patient's hospitalization and only one primary diagnosis is recorded for each separation. **Secondary** diagnosis, on the other hand, describes other important or complicating conditions noted in the medical record. Patients may have up to fifteen secondary diagnoses, but only the first occurrence of a secondary alcohol- or drug-related diagnoses is recorded in these data. There may be some double counting of patients in this data.

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

Users should note that the 10 psychiatric hospitals are located in the following regions: Leeds and Grenville; Hamilton-Wentworth, Frontenac, Thunder Bay, Middlesex, Nipissing, Simcoe, Metropolitan Toronto, Elgin and Durham. Generally, all of these regions except Hamilton-Wentworth, Durham and Metropolitan Toronto, have separation rates in excess of the provincial rate. These high rates are likely a result of local availability and proximity to this type of resource.

Sources and Notes (Continued)

ALCOHOL- AND DRUG-RELATED MORTALITY

Source:

Registrar General, Province of Ontario, Vital Statistics for 1984, 1985, 1986, 1987, 1988 (Toronto: Registrar General, Province of Ontario, undated).

VARIABLE DEFINITIONS:	
Alcoholic Psychoses	International Classification of Diseases, 9th Revision (ICD-9) diagnostic code 291
Alcohol Dependence Syndrome	ICD-9 diagnostic code 303
Chronic Liver Disease and Cirrhosis	ICD-9 diagnostic code 571
Accidental Poisoning by Drugs, Medicaments and Biologicals	ICD-9 diagnostic codes E850 to E858
Suicide by Drugs, Medicaments and Biologicals	ICD-9 diagnostic codes E950.0 to E950.5
Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted	ICD-9 diagnostic codes E980.0 to E980.5
Note that all corresponding rates are based on the total population	

Explanatory Notes:

Includes only those deaths, according to place of residence of the deceased, where the above diagnoses were noted as the primary cause of death. A more complete description of the medical conditions included under each diagnostic category of the 9th Revision are presented in the **Technical Notes**.

More detailed mortality data for the province, including estimated deaths indirectly due to alcohol, can be found in Part I, Tables I-35 through I-38.

Sources and Notes (Continued)

POPULATION DATA

Source:

Population Estimates Section, Demography Division, Statistics Canada Estimates of Population by 5-year Age Groups and Sex: Census Divisions in Ontario, June 1, 19xx, unpublished data obtained from Statistics Canada.

All of the population estimates are measured in **thousands**. Data for the years 1983 to 1986 are final intercensal population estimates for each census division. Final intercensal estimates are derived using the results of two census years (ie. 1981 and 1986) and are not subject to additional revision.

Population estimates for 1987 to 1989 are postcensal estimates. These estimates are calculated using the results of the 1986 census in conjunction with annual information on births, mortality and migration. Users should note that data for these years will be revised when 1991 Census results are available (ie. when final intercensal estimates are calculated).

Detailed population data has been included to allow calculation of alternative rates (ie. rates per 1,000 population or rates per 100,000 population aged 15 etc.).

Example:

Consider Algoma county and offences for impaired operation of a motor vehicle (ie. over 80mg%)

in 1989 813 offences
 136.2 (thousands) total population

Using this data the rate per 100,000 total population is calculated in the following manner:

$$\begin{aligned} \text{Rate}/100,000 &= \frac{\text{Number of occurrences}}{\text{Population}} \times 100 \\ &= \frac{813}{132.6} \times 100 \\ &= 613.1 \end{aligned}$$

Note that the result was multiplied by 100 and not 100,000 because the population data is measured in thousands.

Sources and Notes (Continued) _____

However, the vast majority of drinking and driving offences involve persons aged 16 and over (legal driving age). As a result a more appropriate rate would be the number of offences per 100,000 population aged 16 and over. In the absence of detailed age data for the each county, the rate per 100,000 population aged 15 and over will be calculated:

1989 population 15 and over 102.2 (thousands)

$$\text{Rate/100,000 15+} = \frac{\text{Number of occurrences}}{\text{Population Aged 15+}} \times 100$$

$$= \frac{813}{102.2} \times 100$$

$$= 795.5$$

Part III _____
TECHNICAL NOTES

ALCOHOL-RELATED LEGAL OFFENCES

In Canada, drinking and driving is a criminal offence and is defined under the Criminal Code. Offences and maximum penalties are outlined in the following table. In addition to the penalties defined in this table, each of the provinces also have their own legislations regarding traffic offences. For instance, in Ontario, in addition to the federal penalty, the province also enforces license suspension penalties.

CRIMINAL CODE - DRINKING AND DRIVING OFFENCES AND PENALTIES	
Offence	Federal Penalties
Impaired Driving: Driving with blood alcohol over 80 mg % Falling to provide a breath or bloods sample without a reasonable excuse	Minimum penalty: [*] First Offence: \$300 fine and three months driving prohibition Second Offence: 14 days imprisonment and six months driving prohibition Subsequent Offence: 90 days imprisonment and one year's driving prohibition Maximum penalty for first, second, or subsequent offences: Summary Conviction: \$2,000 fine, six months imprisonment and three years driving prohibition Indictment: [*] five years imprisonment and three years driving prohibition
Impaired driving causing death	Maximum Penalty: [*] 14 years Imprisonment and 10 years driving prohibition
Impaired driving causing bodily harm	Maximum Penalty: [*] 10 years Imprisonment and 10 years driving prohibition
[*] In addition to these penalties the court may impose a fine of any amount.	

Adapted from Ontario Ministry of Attorney General, Drinking and Driving - You Can Lose a Lot More than Your Licence Drinking and Driving (Toronto: Ministry of the Attorney General, undated).

Technical Notes (Continued)

DRUG-RELATED LEGAL OFFENCES

Drug-related offences fall under either the Narcotic Control Act or the Food and Drugs Act. The next two tables provide a summary of the drugs each act covers, as well as, the defined offences and corresponding maximum penalties.

NARCOTIC CONTROL ACT	
Over 100 substances are mentioned in the Narcotic Control Act including: cannabis, cocaine, heroin, anileridine, codeine, hydrocodone, hydromorphone, methadone, morphine, oxycodone, pentazocine, pethidine and phencyclidine	
Offence	Maximum Penalty
Possession	Summary conviction - first offence: 6 months and \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years
Trafficking	Indictment - life
Possession for the purpose of trafficking	Indictment - life
Cultivation	Indictment - 7 years
Importing or exporting	Indictment - life
Prescription shopping (multiple doctoring)	Summary conviction - first offence: 6 months & \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 7 years

Source: Adapted from Robert Solomon and Sydney J. Usprich, An Introduction to Canadian Drug and Alcohol Law for Educators (Toronto: Addiction Research Foundation, 1990)

Technical Notes (Continued)

FOOD AND DRUG ACT - CONTROLLED DRUGS (PART III, SCHEDULE G)

Schedule G contains about 15 drugs that generally have *both* medical and non-medical uses including:
amphetamines, barbiturates, diethylpropion, methamphetamine, methylphenidate, phentermine

Offence	Maximum Penalty
Trafficking	Summary conviction - 18 months Indictment - 10 years
Possession for the purpose of trafficking	Summary conviction - 18 months Indictment - 10 years
Prescription shopping (multiple doctoring)	Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year or \$2,000 fine Indictment - 3 years or \$5,000 fine

FOOD AND DRUGS ACT - RESTRICTED DRUGS (PART IV, SCHEDULE H)

Schedule H contains about 25 drugs that generally have *no* medical uses including:
LSD, M.D.A, and psilocybin

Offence	Maximum Penalty
Possession	Summary conviction - first offence: 6 months or \$1,000 fine - subsequent offence: 1 year and \$2,000 fine Indictment - 3 years and \$5,000 fine
Trafficking	Summary conviction - 18 months Indictment - 10 years
Possession for the purpose of trafficking	Summary conviction - 18 months Indictment - 10 years

Source: Adapted from Robert Solomon and Sydney J. Usprich, An Introduction to Canadian Drug and Alcohol Law for Educators (Toronto: Addiction Research Foundation, 1990).

Technical Notes (Continued)

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES

The medical conditions and diagnostic categories presented are based on the 9th Revision of the International Classification of Diseases (ICD-9) which was put into effect in Canada in 1979.

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES	
Description	ICD-9 Components
Alcoholic Psychoses	291.0 Delirium tremens 291.1 Korsakov's psychosis, alcoholic - Alcoholic polyneuritic psychosis 291.2 Other alcoholic dementia 291.3 Other alcoholic hallucinosis 291.4 Pathological drunkenness 291.5 Alcoholic jealousy - Alcoholic paranoia 291.8 Other - Alcohol withdrawal syndrome 291.9 Unspecified - Alcoholic: mania, psychosis; Alcoholism (Chronic) with psychosis
Drug Psychoses	292.0 Drug withdrawal syndrome 292.1 Paranoid and/or hallucinatory states induced by drugs 292.2 Pathological drug intoxication 292.8 Other 292.9 Unspecified
Alcohol Dependence Syndrome	303 Acute drunkenness in alcoholism; Chronic alcoholism; Dipsomania
Drug Dependence	304.0 Morphine type 304.1 Barbiturate type 304.2 Cocaine 304.3 Cannabis 304.4 Amphetamine type and other psychostimulants 304.5 Hallucinogens 304.6 Other - Absinthe addiction; Glue sniffing 304.7 Combinations of morphine type drug with any other 304.8 Combinations excluding morphine type drug 304.9 Unspecified - Drug addiction; Drug dependence
Nondependent Abuse of Alcohol	305.0 Alcohol - Drunkenness; Excessive drinking of alcohol; "Hangover", Inebriety
Nondependent Abuse of Drugs	305.1 Tobacco - Tobacco dependence 305.2 Cannabis 305.3 Hallucinogens - LSD reaction 305.4 Barbiturates and tranquilizers 305.5 Morphine type 305.6 Cocaine type 305.7 Amphetamine type 305.8 Antidepressants 305.9 Other, mixed or unspecified

Technical Notes (Continued)

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES (Continued)	
Description	ICD-9 Components
Chronic Liver Disease and Cirrhosis	571.0 Alcoholic fatty liver 571.1 Acute alcoholic hepatitis 571.2 Alcoholic cirrhosis of liver - Laennec's cirrhosis 571.3 Alcoholic liver damage, unspecified 571.4 Chronic hepatitis 571.5 Cirrhosis of liver without mention of alcohol 571.6 Biliary cirrhosis 571.8 Other chronic nonalcoholic liver disease 571.9 Unspecified chronic liver disease without mention of alcohol.
Toxic Effects of Alcohol	980.0 Ethyl alcohol 980.1 Methyl alcohol 980.2 Isopropyl alcohol 980.3 Fusel oil - Alcohol: amyl, butyl, propyl 980.8 Other 980.9 Unspecified
Poisoning by Analgesics, Antipyretics, and Antirheumatics	965.0 Opiates and related narcotics 965.1 Salicylates 965.2 Aromatic analgesics, not elsewhere classified 965.3 Pyrazole derivatives 965.4 Antirheumatics (antiphlogistics) 965.5 Other non-narcotic analgesics 965.8 Other 965.9 Unspecified
Poisoning by Sedatives and Hypnotics	967.0 Barbiturates 967.1 Chloral hydrate group 967.4 Methaqualone compounds 967.2 Paraldehyde 967.3 Bromide compounds 967.5 Glutethimide group 967.6 Mixed sedatives, not elsewhere classified 967.8 Other 967.9 Unspecified
Poisoning by Psychotropic Agents	969.0 Antidepressants 969.1 Phenothiazine-based tranquilizers 969.4 Benzodiazepine-based tranquilizers 969.2 Butyrophenone-based tranquilizers 969.3 Other antipsychotics, neuroleptics and major tranquilizers 969.5 Other tranquilizers 969.6 Psychodysleptics (hallucinogens) 969.7 Psychostimulants 969.8 Other psychotropic agents 969.9 Unspecified

Technical Notes (Continued)

ALCOHOL AND DRUG-RELATED DIAGNOSTIC CATEGORIES (Concluded)	
Description	ICD-9 Components
Accidental Poisoning by Drugs, Medicaments and Biologicals	E850 Analgesics, Antipyretics, and Antirheumatics E851 Barbiturates E852 Other Sedatives and Hypnotics E853 Tranquillizers E854 Other Psychotropic Agents E855 Other Drugs acting on the Central Nervous System and autonomic nervous system E856 Antibiotics E857 Anti-infectives E858 Other drugs
Suicide by Drugs, Medicaments and Biologicals	E950.0 Analgesics, antipyretics and antirheumatics E950.1 Barbiturates E950.2 Other sedatives and hypnotics E950.3 Tranquillizers and other psychotropic agents E950.4 Other specified drugs and medicaments E950.5 Unspecified drug or medicament
Poisoning by Drugs, Medicaments and Biologicals - Undetermined whether Accidental or Purposely Inflicted	E980.0 Analgesics, antipyretics and antirheumatics E980.1 Barbiturates E980.2 Other sedatives and hypnotics E980.3 Tranquillizers and other psychotropic agents E980.4 Other specified drugs and medicaments E980.5 Unspecified drug or medicament

RATES AND THEIR CALCULATION

In addition to the "raw" data or occurrences of events, corresponding rates per 100,000 population have also been calculated in this report. Rates provide a crude method for comparing the occurrence of specified events between different regions or age groups. For example, how does 10 occurrences of a event in Lanark county compare with the occurrence of 100 similar events in Metropolitan Toronto. On one level 10 times more events occurred in Toronto, however the population of Toronto is 40 times greater than Lanark county. Calculating the rate of this event would indicate that the rate of occurrence in Lanark county is about 4 times the rate of occurrence in Metropolitan Toronto.

Another issue that has to be considered is the approximate group experiencing a given event. Due to space limitations and to minimize confusion all rates in this report (with the exception of alcohol consumption) were calculated using the total population. Rates could have been calculated using the population aged 15 and over for example. Use of age specific groups to determine rates is an attempt to determine the extent of a problem within the group that is primarily at risk. Rates involving drinking and driving offences are often calculated using the population aged 16 and over. Although some offences will involve persons under the age of 16, by far the largest proportion involve persons aged 16 and over. As a result calculation of rates using the population aged sixteen and over provides a better indication of the occurrence of an event in the population that is primarily at risk.

Similarly, to obtain a better indication of per capita consumption of absolute alcohol consumption, the population aged 15 and over is used. In this case, although the legal drinking age is 19, surveys indicate that younger persons do consume alcohol. By using the population aged 15 and over it is hoped that the resulting per person estimate of absolute alcohol consumption will provide a closer approximation of the true alcohol consumption level.

All of the rates presented in this report are crude rates. No standardization has been attempted to remove the effects of differences in age structure between regions or changes that have evolved over time. In general all calculated rates are per 100,000 population.

$$\text{Crude rate} = \frac{\text{Number of events in region i at a given time}}{\text{Specified population of region i at that time}} \times 100,000$$

Example rate calculations have been presented in the **Sources and Notes** section dealing with population data.

Ontario Profile - Alcohol and Other Drugs, 1992

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